



ANALYTICAL DATA REPORT

JMC Environmental Consultants
2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742

Project Name: ARSYNCO
IAL Case Number: E12-07988

These data have been reviewed and accepted by:

A handwritten signature in black ink, appearing to read "Michael H. Lefebvre".

Michael H. Lefebvre, Ph.D.
Laboratory Director

This report shall not be reproduced, except in its entirety, without the written consent of
Integrated Analytical Laboratories, LLC. The test results included in this report relate
only to the samples analyzed.

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IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

Sample Summary

IAL Case No.

E12-07988

Client JMC Environmental Consultants

Project ARSYNCO

Received On 8/7/2012@17:05

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
07988-001	W-13 (0-2.0)	0/2	8/7/2012@09:40	Soil	1
07988-002	W-13 (2.0-4.0)	2/4	8/7/2012@09:41	Soil	1
07988-003	W-13 (4.0-4.25)	4/4.25	8/7/2012@09:42	Soil	1
07988-004	W-13 (4.25-6.0)	4.25/6	8/7/2012@09:43	Soil	1
07988-005	W-12 (0-2.0)	0/2	8/7/2012@09:54	Soil	1
07988-006	W-12 (2.0-3.25)	2/3.25	8/7/2012@09:55	Soil	1
07988-007	W-12 (3.25-4.0)	3.25/4	8/7/2012@09:56	Soil	1
07988-008	W-12 (4.0-6.0)	4/6	8/7/2012@09:57	Soil	1
07988-009	S-30 (0-2.0)	0/2	8/7/2012@10:25	Soil	1
07988-010	S-30 (2.0-3.0)	2/3	8/7/2012@10:26	Soil	1
07988-011	S-30 (3.0-4.0)	3/4	8/7/2012@10:27	Soil	1
07988-012	S-30 (4.0-6.0)	4/6	8/7/2012@10:28	Soil	1
07988-013	T-31 (0-2.0)	0/2	8/7/2012@10:45	Soil	1
07988-014	T-31 (2.0-3.0)	2/3	8/7/2012@10:46	Soil	1
07988-015	T-31 (3.0-4.0)	3/4	8/7/2012@10:47	Soil	1
07988-016	T-31 (4.5-6.0)	4.5/6	8/7/2012@10:48	Soil	1
07988-017	U-26 (0-2.0)	0/2	8/7/2012@11:17	Soil	1
07988-018	U-26 (2.0-3.5)	2/3.5	8/7/2012@11:18	Soil	1
07988-019	U-26 (3.5-4.0)	3.5/4	8/7/2012@11:19	Soil	1
07988-020	U-26 (4.0-6.0)	4/6	8/7/2012@11:20	Soil	1
07988-021	Q-22 (0-2.0)	0/2	8/7/2012@11:52	Soil	1
07988-022	Q-22 (2.0-4.0)	2/4	8/7/2012@11:53	Soil	1
07988-023	Q-22 (4.0-6.0)	4/6	8/7/2012@11:54	Soil	1
07988-024	P-21 (0-2.0)	0/2	8/7/2012@12:21	Soil	1
07988-025	P-21 (2.0-3.25)	2/3.25	8/7/2012@12:22	Soil	1
07988-026	P-21 (3.25-3.5)	3.25/3.5	8/7/2012@12:23	Soil	1
07988-027	P-21 (4.25-6.0)	4.25/6	8/7/2012@12:24	Soil	1
07988-028	P-19 (0-2.0)	0/2	8/7/2012@13:18	Soil	1
07988-029	P-19 (2.0-4.0)	2/4	8/7/2012@13:19	Soil	1
07988-030	P-19 (4.0-4.5)	4/4.5	8/7/2012@13:20	Soil	1
07988-031	P-19 (4.5-6.0)	4.5/6	8/7/2012@13:21	Soil	1
07988-032	O-20 (0-2.0)	0/2	8/7/2012@13:40	Soil	1
07988-033	O-20 (2.0-3.5)	2/3.5	8/7/2012@13:41	Soil	1
07988-034	O-20 (4.0-6.0)	4/6	8/7/2012@13:42	Soil	1
07988-035	I-33 (0-2.0)	0/2	8/7/2012@14:10	Soil	1
07988-036	I-33 (2.0-4.0)	2/4	8/7/2012@14:11	Soil	1
07988-037	I-33 (4.0-4.75)	4/4.75	8/7/2012@14:12	Soil	1
07988-038	I-33 (4.75-6.0)	4.75/6	8/7/2012@14:13	Soil	1
07988-039	H-36 (5.5-6.0)	5.5/6	8/7/2012@14:33	Soil	1
07988-040	H-36 (6.0-6.5)	6/6.5	8/7/2012@14:34	Soil	1
07988-041	H-36 (7.0-7.5)	7/7.5	8/7/2012@14:35	Soil	1
07988-042	FB-27	n/a	8/7/2012@15:00	Aqueous	2

INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on August 31, 2012

* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.

DEFINITIONS / QUALIFIERS

DATA QUALIFIERS

- B** Indicates the analyte was found in the associated method blank as well as in the sample.
It indicates probable laboratory contamination.
- C** Indicates analyte is a common laboratory contaminant.
- D** Indicated analyte was reported from diluted analysis.
- E** Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.
- J** Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

REPORTING DEFINITIONS

RL Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

MDL Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

PQL Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

ND Indicates analyte was analyzed for but not detected above the MDL.

DF Dilution Factor

LCS Laboratory Control Sample

LCSD Laboratory Control Sample Duplicate

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Duplicate

CONFORMANCE / NON-CONFORMANCE SUMMARIES

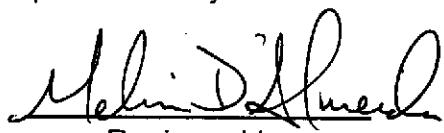
INTEGRATED ANALYTICAL LABORATORIES, LLC.

CONFORMANCE / NONCONFORMANCE SUMMARY

Integrated Analytical Laboratories, LLC. received one (1) aqueous and forty-one (41) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-07988, Project: ARSYNCO) on August 7, 2012 for the analysis of:

(41) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:



Reviewed by

8/31/12

Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12-07988

- | | No | Yes |
|--|------|-----|
| 1. Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks). | ____ | ✓ |
| 2. Standards Summary submitted. | ____ | ✓ |
| 3. Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis. | ____ | ✓ |
| 4. Blank Contamination - If yes, list compounds and concentrations in each blank: | ____ | ✓ |
| 5. Surrogate Recoveries meet criteria (if applicable).
If not met, list those compounds and their recoveries which fall outside the acceptable range: | ____ | ✓ |
| 6. Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range: | ____ | ✓ |
| 7. Retention Time Shift Meet Criteria (if applicable). | ____ | ✓ |
| 8. Extraction Holding Time Met.
If not met, list number of days exceeded for each sample: | ____ | ✓ |
| 9. Analysis Holding Time Met.
If not met, list number of days exceeded for each sample: | ____ | ✓ |

Comments:


Organic Manager

08-20-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07988

	No	Yes
1. Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Standards Summary submitted.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Blank Contamination - If yes, list compounds and concentrations in each blank:	<input type="checkbox"/>	
<hr/>		
5. Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:	<input checked="" type="checkbox"/>	
<u>07988 #1,2,5,6 surrogate eluted out</u>		
6. Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:	<input type="checkbox"/> <input checked="" type="checkbox"/>	
<hr/>		
7. Retention Time Shift Meet Criteria (if applicable).	<input type="checkbox"/> <input checked="" type="checkbox"/>	
8. Extraction Holding Time Met. If not met, list number of days exceeded for each sample:	<input type="checkbox"/> <input checked="" type="checkbox"/>	
<hr/> <hr/>		
9. Analysis Holding Time Met. If not met, list number of days exceeded for each sample:	<input type="checkbox"/> <input checked="" type="checkbox"/>	
<hr/> <hr/>		
Comments:		
<u>please see next page</u>		


Organic Manager

08-24-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC JARSY NCO

IAL Case Number: E12 - 07988

GC Analysis: PCB'S

PESTICIDES

HERBICIDES

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

07988 # 007

005

#006

This exceedence is caused by sample matrix interference in the analytical run.

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07988

	No	Yes
1. Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).	<u> </u>	<input checked="" type="checkbox"/>
2. Standards Summary submitted.	<u> </u>	<input checked="" type="checkbox"/>
3. Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.	<u> </u>	<input checked="" type="checkbox"/>
4. Blank Contamination - If yes, list compounds and concentrations in each blank:	<u> </u>	<input checked="" type="checkbox"/>
<hr/>		
5. Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:	<u> </u>	<input checked="" type="checkbox"/>
<u>07988 # 32,28,35,38 surrogate diluted out</u>		
6. Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range)	<u> </u>	<input checked="" type="checkbox"/>
acceptable range:	<u> </u>	<input checked="" type="checkbox"/>
<hr/>		
7. Retention Time Shift Meet Criteria (if applicable).	<u> </u>	<input checked="" type="checkbox"/>
8. Extraction Holding Time Met. If not met, list number of days exceeded for each sample:	<u> </u>	<input checked="" type="checkbox"/>
<u> </u>		
9. Analysis Holding Time Met. If not met, list number of days exceeded for each sample:	<u> </u>	<input checked="" type="checkbox"/>
<u> </u>		
Comments:	<u>Please see next page</u>	


Organic Manager

08-24-12

Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC/AR SYNC
IAL Case Number: E12 - 07988

GC Analysis: PCB'S X
PESTICIDES
HERBICIDES

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

07988 #023
#029
#030
#034
#037

This exceedence is caused by sample matrix interference in the analytical run.

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: JMC Environmental Consultants

Project: ARSYNCO

Lab Case No.: E12-07988

	Lab ID:	07988-042							
	Client ID:	FB-27							
	Matrix:	Aqueous							
	Sampled Date	8/7/12							
PARAMETER(Units)	Conc	Q	MDL						
PCB's (Units)	<i>(mg/L-ppm)</i>								
Aroclor-1016	ND	0.00002							
Aroclor-1221	ND	0.00002							
Aroclor-1232	ND	0.00002							
Aroclor-1242	ND	0.00002							
Aroclor-1248	ND	0.00002							
Aroclor-1254	ND	0.00002							
Aroclor-1260	ND	0.00002							
Aroclor-1262	ND	0.00002							
Aroclor-1268	ND	0.00002							
PCBs	ND	0.00002							
	Lab ID:	07988-001	07988-002	07988-003	07988-004				
	Client ID:	W-13 (0-2.0)	W-13 (2.0-4.0)	W-13 (4.0-4.25)	W-13 (4.25-6.0)				
	Depth:	0/2	2/4	4/4.25	4.25/6				
	Matrix:	Soil	Soil	Soil	Soil				
	Sampled Date	8/7/12	8/7/12	8/7/12	8/7/12				
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>				
Aroclor-1016	ND	16.6	ND	1.89	ND	0.051	ND	0.019	
Aroclor-1221	ND	16.6	ND	1.89	ND	0.051	ND	0.019	
Aroclor-1232	ND	16.6	ND	1.89	ND	0.051	ND	0.019	
Aroclor-1242	ND	16.6	ND	1.89	ND	0.051	ND	0.019	
Aroclor-1248	677	16.6	58.3	1.89	1.40	0.051	ND	0.019	
Aroclor-1254	ND	16.6	ND	1.89	ND	0.051	ND	0.019	
Aroclor-1260	ND	16.6	ND	1.89	ND	0.051	ND	0.019	
Aroclor-1262	ND	16.6	ND	1.89	ND	0.051	ND	0.019	
Aroclor-1268	ND	16.6	ND	1.89	ND	0.051	ND	0.019	
PCBs	677	16.6	58.3	1.89	1.40	0.051	ND	0.019	
	Lab ID:	07988-005	07988-006	07988-007	07988-008				
	Client ID:	W-12 (0-2.0)	W-12 (2.0-3.25)	W-12 (3.25-4.0)	W-12 (4.0-6.0)				
	Depth:	0/2	2/3.25	3.25/4	4/6				
	Matrix:	Soil	Soil	Soil	Soil				
	Sampled Date	8/7/12	8/7/12	8/7/12	8/7/12				
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>		<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>				
Aroclor-1016	ND	19.6	ND	16.9	ND	0.026	ND	0.019	
Aroclor-1221	ND	19.6	ND	16.9	ND	0.026	ND	0.019	
Aroclor-1232	ND	19.6	ND	16.9	ND	0.026	ND	0.019	
Aroclor-1242	3330	19.6	336	16.9	1.75	0.026	ND	0.019	
Aroclor-1248	ND	19.6	ND	16.9	ND	0.026	ND	0.019	
Aroclor-1254	ND	19.6	ND	16.9	ND	0.026	ND	0.019	
Aroclor-1260	ND	19.6	ND	16.9	ND	0.026	ND	0.019	
Aroclor-1262	ND	19.6	ND	16.9	ND	0.026	ND	0.019	
Aroclor-1268	ND	19.6	ND	16.9	ND	0.026	ND	0.019	
PCBs	3330	19.6	336	16.9	1.75	0.026	ND	0.019	

ND = Analyzed for but Not Detected at the MDL

E12-07988

0010

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07988

Lab ID:	07988-009	07988-010	07988-011	07988-012
Client ID:	S-30 (0-2.0)	S-30 (2.0-3.0)	S-30 (3.0-4.0)	S-30 (4.0-6.0)
Depth:	0/2	2/3	3/4	4/6
Matrix:	Soil	Soil	Soil	Soil
Sampled Date:	8/7/12	8/7/12	8/7/12	8/7/12
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)
Aroclor-1016	ND 0.017	ND 0.020	ND 0.049	ND 0.018
Aroclor-1221	ND 0.017	ND 0.020	ND 0.049	ND 0.018
Aroclor-1232	ND 0.017	ND 0.020	ND 0.049	ND 0.018
Aroclor-1242	ND 0.017	ND 0.020	ND 0.049	ND 0.018
Aroclor-1248	ND 0.017	ND 0.020	ND 0.049	ND 0.018
Aroclor-1254	ND 0.017	ND 0.020	ND 0.049	ND 0.018
Aroclor-1260	ND 0.017	ND 0.020	ND 0.049	ND 0.018
Aroclor-1262	ND 0.017	ND 0.020	ND 0.049	ND 0.018
Aroclor-1268	ND 0.017	ND 0.020	ND 0.049	ND 0.018
PCBs	ND 0.017	ND 0.020	ND 0.049	ND 0.018
Lab ID:	07988-013	07988-014	07988-015	07988-016
Client ID:	T-31 (0-2.0)	T-31 (2.0-3.0)	T-31 (3.0-4.0)	T-31 (4.5-6.0)
Depth:	0/2	2/3	3/4	4.5/6
Matrix:	Soil	Soil	Soil	Soil
Sampled Date:	8/7/12	8/7/12	8/7/12	8/7/12
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)
Aroclor-1016	ND 0.183	ND 0.019	ND 0.050	ND 0.020
Aroclor-1221	ND 0.183	ND 0.019	ND 0.050	ND 0.020
Aroclor-1232	ND 0.183	ND 0.019	ND 0.050	ND 0.020
Aroclor-1242	ND 0.183	ND 0.019	ND 0.050	ND 0.020
Aroclor-1248	ND 0.183	ND 0.019	ND 0.050	ND 0.020
Aroclor-1254	ND 0.183	ND 0.019	ND 0.050	ND 0.020
Aroclor-1260	29.0 0.183	ND 0.019	ND 0.050	ND 0.020
Aroclor-1262	ND 0.183	ND 0.019	ND 0.050	ND 0.020
Aroclor-1268	ND 0.183	ND 0.019	ND 0.050	ND 0.020
PCBs	29.0 0.183	ND 0.019	ND 0.050	ND 0.020
Lab ID:	07988-017	07988-018	07988-019	07988-020
Client ID:	U-26 (0-2.0)	U-26 (2.0-3.5)	U-26 (3.5-4.0)	U-26 (4.0-6.0)
Depth:	0/2	2/3.5	3.5/4	4/6
Matrix:	Soil	Soil	Soil	Soil
Sampled Date:	8/7/12	8/7/12	8/7/12	8/7/12
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)
Aroclor-1016	ND 0.190	ND 0.017	ND 0.078	ND 0.019
Aroclor-1221	ND 0.190	ND 0.017	ND 0.078	ND 0.019
Aroclor-1232	ND 0.190	ND 0.017	ND 0.078	ND 0.019
Aroclor-1242	ND 0.190	ND 0.017	ND 0.078	ND 0.019
Aroclor-1248	ND 0.190	ND 0.017	ND 0.078	ND 0.019
Aroclor-1254	9.70 0.190	ND 0.017	ND 0.078	ND 0.019
Aroclor-1260	13.0 0.190	ND 0.017	ND 0.078	ND 0.019
Aroclor-1262	ND 0.190	ND 0.017	ND 0.078	ND 0.019
Aroclor-1268	ND 0.190	ND 0.017	ND 0.078	ND 0.019
PCBs	22.7 0.190	ND 0.017	ND 0.078	ND 0.019

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07988

Lab ID:	07988-021	07988-022	07988-023	07988-024
Client ID:	Q-22 (0-2.0)	Q-22 (2.0-4.0)	Q-22 (4.0-6.0)	P-21 (0-2.0)
Depth:	0/2	2/4	4/6	0/2
Matrix:	Soil	Soil	Soil	Soil
Sampled Date	8/7/12	8/7/12	8/7/12	8/7/12
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>
Aroclor-1016	ND 0.175	ND 0.200	ND 0.019	ND 0.191
Aroclor-1221	ND 0.175	ND 0.200	ND 0.019	ND 0.191
Aroclor-1232	ND 0.175	ND 0.200	ND 0.019	ND 0.191
Aroclor-1242	ND 0.175	ND 0.200	ND 0.019	ND 0.191
Aroclor-1248	9.78 0.175	11.4 0.200	0.072 0.019	10.2 0.191
Aroclor-1254	ND 0.175	ND 0.200	ND 0.019	ND 0.191
Aroclor-1260	ND 0.175	ND 0.200	ND 0.019	ND 0.191
Aroclor-1262	ND 0.175	ND 0.200	ND 0.019	ND 0.191
Aroclor-1268	ND 0.175	ND 0.200	ND 0.019	ND 0.191
PCBs	9.78 0.175	11.4 0.200	0.072 0.019	10.2 0.191
Lab ID:	07988-025	07988-026	07988-027	07988-028
Client ID:	P-21 (2.0-3.25)	P-21 (3.25-3.5)	P-21 (4.25-6.0)	P-19 (0-2.0)
Depth:	2/3.25	3.25/3.5	4.25/6	0/2
Matrix:	Soil	Soil	Soil	Soil
Sampled Date	8/7/12	8/7/12	8/7/12	8/7/12
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>
Aroclor-1016	ND 0.187	ND 0.021	ND 0.017	ND 16.6
Aroclor-1221	ND 0.187	ND 0.021	ND 0.017	ND 16.6
Aroclor-1232	ND 0.187	ND 0.021	ND 0.017	ND 16.6
Aroclor-1242	ND 0.187	ND 0.021	ND 0.017	ND 16.6
Aroclor-1248	7.26 0.187	2.21 0.021	ND 0.017	790 16.6
Aroclor-1254	ND 0.187	ND 0.021	ND 0.017	ND 16.6
Aroclor-1260	ND 0.187	ND 0.021	ND 0.017	ND 16.6
Aroclor-1262	ND 0.187	ND 0.021	ND 0.017	ND 16.6
Aroclor-1268	ND 0.187	ND 0.021	ND 0.017	ND 16.6
PCBs	7.26 0.187	2.21 0.021	ND 0.017	790 16.6
Lab ID:	07988-029	07988-030	07988-031	07988-032
Client ID:	P-19 (2.0-4.0)	P-19 (4.0-4.5)	P-19 (4.5-6.0)	O-20 (0-2.0)
Depth:	2/4	4/4.5	4.5/6	0/2
Matrix:	Soil	Soil	Soil	Soil
Sampled Date	8/7/12	8/7/12	8/7/12	8/7/12
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>	<i>(mg/Kg-ppm)</i>
Aroclor-1016	ND 0.019	ND 0.059	ND 0.020	ND 16.5
Aroclor-1221	ND 0.019	ND 0.059	ND 0.020	ND 16.5
Aroclor-1232	ND 0.019	ND 0.059	ND 0.020	ND 16.5
Aroclor-1242	1.64 0.019	0.967 0.059	ND 0.020	ND 16.5
Aroclor-1248	ND 0.019	ND 0.059	ND 0.020	1480 16.5
Aroclor-1254	ND 0.019	ND 0.059	ND 0.020	ND 16.5
Aroclor-1260	ND 0.019	ND 0.059	ND 0.020	ND 16.5
Aroclor-1262	ND 0.019	ND 0.059	ND 0.020	ND 16.5
Aroclor-1268	ND 0.019	ND 0.059	ND 0.020	ND 16.5
PCBs	1.64 0.019	0.967 0.059	ND 0.020	1480 16.5

ND = Analyzed for but Not Detected at the MDL

E12-07988

0012

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07988

	Lab ID: Client ID: Depth: Matrix: Sampled Date	07988-033 O-20 (2.0-3.5) 2/3.5 Soil 8/7/12	07988-034 O-20 (4.0-6.0) 4/6 Soil 8/7/12	07988-035 I-33 (0-2.0) 0/2 Soil 8/7/12	07988-036 I-33 (2.0-4.0) 2/4 Soil 8/7/12
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)
Aroclor-1016	ND 0.193	ND 0.019	ND 1.69	ND 0.017	
Aroclor-1221	ND 0.193	ND 0.019	ND 1.69	ND 0.017	
Aroclor-1232	ND 0.193	ND 0.019	ND 1.69	ND 0.017	
Aroclor-1242	ND 0.193	ND 0.019	ND 1.69	ND 0.017	
Aroclor-1248	30.3 0.193	0.082 0.019	75.1 1.69	0.072 0.017	
Aroclor-1254	ND 0.193	ND 0.019	ND 1.69	ND 0.017	
Aroclor-1260	ND 0.193	ND 0.019	ND 1.69	ND 0.017	
Aroclor-1262	ND 0.193	ND 0.019	ND 1.69	ND 0.017	
Aroclor-1268	ND 0.193	ND 0.019	ND 1.69	ND 0.017	
PCBs	30.3 0.193	0.082 0.019	75.1 1.69	0.072 0.017	
	Lab ID: Client ID: Depth: Matrix: Sampled Date	07988-037 I-33 (4.0-4.75) 4/4.75 Soil 8/7/12	07988-038 I-33 (4.75-6.0) 4.75/6 Soil 8/7/12	07988-039 H-36 (5.5-6.0) 5.5/6 Soil 8/7/12	07988-040 H-36 (6.0-6.5) 6/6.5 Soil 8/7/12
PARAMETER(Units)	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL	Conc Q MDL
PCB's (Units)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)	(mg/Kg-ppm)
Aroclor-1016	ND 0.019	ND 52.5	ND 0.046	ND 0.021	
Aroclor-1221	ND 0.019	ND 52.5	ND 0.046	ND 0.021	
Aroclor-1232	ND 0.019	ND 52.5	ND 0.046	ND 0.021	
Aroclor-1242	2.66 0.019	ND 52.5	ND 0.046	ND 0.021	
Aroclor-1248	ND 0.019	8850 52.5	ND 0.046	ND 0.021	
Aroclor-1254	ND 0.019	ND 52.5	ND 0.046	ND 0.021	
Aroclor-1260	ND 0.019	ND 52.5	ND 0.046	ND 0.021	
Aroclor-1262	ND 0.019	ND 52.5	ND 0.046	ND 0.021	
Aroclor-1268	ND 0.019	ND 52.5	ND 0.046	ND 0.021	
PCBs	2.66 0.019	8850 52.5	ND 0.046	ND 0.021	

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-001
Client ID: W-13_(0-2.
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3248.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 5.40

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND	41.5	16.6	
Aroclor-1221	ND	41.5	16.6	
Aroclor-1232	ND	41.5	16.6	
Aroclor-1242	ND	41.5	16.6	
Aroclor-1248	677	41.5	16.6	
Aroclor-1254	ND	41.5	16.6	
Aroclor-1260	ND	41.5	16.6	
Aroclor-1262	ND	41.5	16.6	
Aroclor-1268	ND	41.5	16.6	
PCBs	677	41.5	16.6	

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-002

Client ID: W-13_(2.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/21/2012

Data file: R3328.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.13g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 100

% Moisture: 17.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.74	1.89
Aroclor-1221	ND		4.74	1.89
Aroclor-1232	ND		4.74	1.89
Aroclor-1242	ND		4.74	1.89
Aroclor-1248	58.3		4.74	1.89
Aroclor-1254	ND		4.74	1.89
Aroclor-1260	ND		4.74	1.89
Aroclor-1262	ND		4.74	1.89
Aroclor-1268	ND		4.74	1.89
PCBs	58.3		4.74	1.89

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-003
Client ID: W-13_(4.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3250.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 68.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.127	0.051
Aroclor-1221	ND		0.127	0.051
Aroclor-1232	ND		0.127	0.051
Aroclor-1242	ND		0.127	0.051
Aroclor-1248	1.40		0.127	0.051
Aroclor-1254	ND		0.127	0.051
Aroclor-1260	ND		0.127	0.051
Aroclor-1262	ND		0.127	0.051
Aroclor-1268	ND		0.127	0.051
PCBs	1.40		0.127	0.051

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-004

Client ID: W-13_(4.25)

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/19/2012

Data file: R3251.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.17g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 20.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.019
Aroclor-1221	ND		0.049	0.019
Aroclor-1232	ND		0.049	0.019
Aroclor-1242	ND		0.049	0.019
Aroclor-1248	ND		0.049	0.019
Aroclor-1254	ND		0.049	0.019
Aroclor-1260	ND		0.049	0.019
Aroclor-1262	ND		0.049	0.019
Aroclor-1268	ND		0.049	0.019
PCBs	ND		0.049	0.019

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-005
Client ID: W-12_(0-2.
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/21/2012
Data file: R3329.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 21.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		49.0	19.6
Aroclor-1221	ND		49.0	19.6
Aroclor-1232	ND		49.0	19.6
Aroclor-1242	3330		49.0	19.6
Aroclor-1248	ND		49.0	19.6
Aroclor-1254	ND		49.0	19.6
Aroclor-1260	ND		49.0	19.6
Aroclor-1262	ND		49.0	19.6
Aroclor-1268	ND		49.0	19.6
PCBs	3330		49.0	19.6

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-006

Client ID: W-12_(2.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/21/2012

Data file: R3330.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.57g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1000

% Moisture: 15.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		42.3	16.9
Aroclor-1221	ND		42.3	16.9
Aroclor-1232	ND		42.3	16.9
Aroclor-1242	336		42.3	16.9
Aroclor-1248	ND		42.3	16.9
Aroclor-1254	ND		42.3	16.9
Aroclor-1260	ND		42.3	16.9
Aroclor-1262	ND		42.3	16.9
Aroclor-1268	ND		42.3	16.9
PCBs	336		42.3	16.9

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-007
Client ID: W-12_(3.25
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3254.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 39.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.064	0.026
Aroclor-1221	ND		0.064	0.026
Aroclor-1232	ND		0.064	0.026
Aroclor-1242	1.75		0.064	0.026
Aroclor-1248	ND		0.064	0.026
Aroclor-1254	ND		0.064	0.026
Aroclor-1260	ND		0.064	0.026
Aroclor-1262	ND		0.064	0.026
Aroclor-1268	ND		0.064	0.026
PCBs	1.75		0.064	0.026

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-008

Client ID: W-12_(4.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/19/2012

Data file: R3255.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.27g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 20.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	ND		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	ND		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-009

Client ID: S-30_(0-2)

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/21/2012

Data file: R3331.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.48g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 14.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	ND		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	ND		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-010
Client ID: S-30_(2.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3257.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.17g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	ND		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	ND		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-011
Client ID: S-30_(3.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3258.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.53g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 70.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.123	0.049
Aroclor-1221	ND		0.123	0.049
Aroclor-1232	ND		0.123	0.049
Aroclor-1242	ND		0.123	0.049
Aroclor-1248	ND		0.123	0.049
Aroclor-1254	ND		0.123	0.049
Aroclor-1260	ND		0.123	0.049
Aroclor-1262	ND		0.123	0.049
Aroclor-1268	ND		0.123	0.049
PCBs	ND		0.123	0.049

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-012

Client ID: S-30_(4.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/19/2012

Data file: R3259.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.51g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 20.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	ND		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	ND		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-013

Client ID: T-31_(0-2.

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/21/2012

Data file: R3332.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.33g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 10

% Moisture: 18.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.458	0.183
Aroclor-1221	ND		0.458	0.183
Aroclor-1232	ND		0.458	0.183
Aroclor-1242	ND		0.458	0.183
Aroclor-1248	ND		0.458	0.183
Aroclor-1254	ND		0.458	0.183
Aroclor-1260	29.0		0.458	0.183
Aroclor-1262	ND		0.458	0.183
Aroclor-1268	ND		0.458	0.183
PCBs	29.0		0.458	0.183

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-014
Client ID: T-31_(2.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3261.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 17.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.019
Aroclor-1221	ND		0.046	0.019
Aroclor-1232	ND		0.046	0.019
Aroclor-1242	ND		0.046	0.019
Aroclor-1248	ND		0.046	0.019
Aroclor-1254	ND		0.046	0.019
Aroclor-1260	ND		0.046	0.019
Aroclor-1262	ND		0.046	0.019
Aroclor-1268	ND		0.046	0.019
PCBs	ND		0.046	0.019

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-015
Client ID: T-31_(3.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3262.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 68.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.124	0.050
Aroclor-1221	ND		0.124	0.050
Aroclor-1232	ND		0.124	0.050
Aroclor-1242	ND		0.124	0.050
Aroclor-1248	ND		0.124	0.050
Aroclor-1254	ND		0.124	0.050
Aroclor-1260	ND		0.124	0.050
Aroclor-1262	ND		0.124	0.050
Aroclor-1268	ND		0.124	0.050
PCBs	ND		0.124	0.050

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-016

Client ID: T-31_(4.5-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/19/2012

Data file: R3263.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.14g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 21.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	ND		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-017

Client ID: U-26_(0-2.

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/19/2012

Data file: R3264.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.35g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 10

% Moisture: 21.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.474	0.190
Aroclor-1221	ND		0.474	0.190
Aroclor-1232	ND		0.474	0.190
Aroclor-1242	ND		0.474	0.190
Aroclor-1248	ND		0.474	0.190
Aroclor-1254	9.70		0.474	0.190
Aroclor-1260	13.0		0.474	0.190
Aroclor-1262	ND		0.474	0.190
Aroclor-1268	ND		0.474	0.190
PCBs	22.7		0.474	0.190

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-018
Client ID: U-26_(2.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3265.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.48g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 13.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.042	0.017
Aroclor-1221	ND		0.042	0.017
Aroclor-1232	ND		0.042	0.017
Aroclor-1242	ND		0.042	0.017
Aroclor-1248	ND		0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	ND		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	ND		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-019
Client ID: U-26_(3.5-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3266.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.08g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 79.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.194	0.078
Aroclor-1221	ND		0.194	0.078
Aroclor-1232	ND		0.194	0.078
Aroclor-1242	ND		0.194	0.078
Aroclor-1248	ND		0.194	0.078
Aroclor-1254	ND		0.194	0.078
Aroclor-1260	ND		0.194	0.078
Aroclor-1262	ND		0.194	0.078
Aroclor-1268	ND		0.194	0.078
PCBs	ND		0.194	0.078

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-020

Client ID: U-26_(4.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/19/2012

Data file: R3267.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.12g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 19.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.019
Aroclor-1221	ND		0.049	0.019
Aroclor-1232	ND		0.049	0.019
Aroclor-1242	ND		0.049	0.019
Aroclor-1248	ND		0.049	0.019
Aroclor-1254	ND		0.049	0.019
Aroclor-1260	ND		0.049	0.019
Aroclor-1262	ND		0.049	0.019
Aroclor-1268	ND		0.049	0.019
PCBs	ND		0.049	0.019

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-021

Client ID: Q-22_(0-2)

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3274.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.42g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 10

% Moisture: 15.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.438	0.175
Aroclor-1221	ND		0.438	0.175
Aroclor-1232	ND		0.438	0.175
Aroclor-1242	ND		0.438	0.175
Aroclor-1248	9.78		0.438	0.175
Aroclor-1254	ND		0.438	0.175
Aroclor-1260	ND		0.438	0.175
Aroclor-1262	ND		0.438	0.175
Aroclor-1268	ND		0.438	0.175
PCBs	9.78		0.438	0.175

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-022
Client ID: Q-22_(2.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/20/2012
Data file: R3275.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 24.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.501	0.200
Aroclor-1221	ND		0.501	0.200
Aroclor-1232	ND		0.501	0.200
Aroclor-1242	ND		0.501	0.200
Aroclor-1248	11.4		0.501	0.200
Aroclor-1254	ND		0.501	0.200
Aroclor-1260	ND		0.501	0.200
Aroclor-1262	ND		0.501	0.200
Aroclor-1268	ND		0.501	0.200
PCBs	11.4		0.501	0.200

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-023

Client ID: Q-22_(4.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3276.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.22g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 20.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND	0.048	0.048	0.019
Aroclor-1221	ND	0.048	0.048	0.019
Aroclor-1232	ND	0.048	0.048	0.019
Aroclor-1242	ND	0.048	0.048	0.019
Aroclor-1248	0.072	0.048	0.048	0.019
Aroclor-1254	ND	0.048	0.048	0.019
Aroclor-1260	ND	0.048	0.048	0.019
Aroclor-1262	ND	0.048	0.048	0.019
Aroclor-1268	ND	0.048	0.048	0.019
PCBs	0.072	0.048	0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-024

Client ID: P-21_(0-2)

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3277.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.04g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 10

% Moisture: 16.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.477	0.191
Aroclor-1221	ND		0.477	0.191
Aroclor-1232	ND		0.477	0.191
Aroclor-1242	ND		0.477	0.191
Aroclor-1248	10.2		0.477	0.191
Aroclor-1254	ND		0.477	0.191
Aroclor-1260	ND		0.477	0.191
Aroclor-1262	ND		0.477	0.191
Aroclor-1268	ND		0.477	0.191
PCBs	10.2		0.477	0.191

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-025
Client ID: P-21_(2.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/20/2012
Data file: R3278.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 21.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.468	0.187
Aroclor-1221	ND		0.468	0.187
Aroclor-1232	ND		0.468	0.187
Aroclor-1242	ND		0.468	0.187
Aroclor-1248	7.26		0.468	0.187
Aroclor-1254	ND		0.468	0.187
Aroclor-1260	ND		0.468	0.187
Aroclor-1262	ND		0.468	0.187
Aroclor-1268	ND		0.468	0.187
PCBs	7.26		0.468	0.187

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-026
Client ID: P-21_(3.25
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/20/2012
Data file: R3279.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.021
Aroclor-1221	ND		0.051	0.021
Aroclor-1232	ND		0.051	0.021
Aroclor-1242	ND		0.051	0.021
Aroclor-1248	2.21		0.051	0.021
Aroclor-1254	ND		0.051	0.021
Aroclor-1260	ND		0.051	0.021
Aroclor-1262	ND		0.051	0.021
Aroclor-1268	ND		0.051	0.021
PCBs	2.21		0.051	0.021

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-027

Client ID: P-21_(4.25)

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3280.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.86g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 20.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	ND		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	ND		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-028

Client ID: P-19_(0-2)

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/21/2012

Data file: R3333.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.12g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1000

% Moisture: 5.60

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		41.4	16.6
Aroclor-1221	ND		41.4	16.6
Aroclor-1232	ND		41.4	16.6
Aroclor-1242	ND		41.4	16.6
Aroclor-1248	790		41.4	16.6
Aroclor-1254	ND		41.4	16.6
Aroclor-1260	ND		41.4	16.6
Aroclor-1262	ND		41.4	16.6
Aroclor-1268	ND		41.4	16.6
PCBs	790		41.4	16.6

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-029
Client ID: P-19_(2.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/20/2012
Data file: R3282.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 17.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND	0.049	0.019	
Aroclor-1221	ND	0.049	0.019	
Aroclor-1232	ND	0.049	0.019	
Aroclor-1242	1.64	0.049	0.019	
Aroclor-1248	ND	0.049	0.019	
Aroclor-1254	ND	0.049	0.019	
Aroclor-1260	ND	0.049	0.019	
Aroclor-1262	ND	0.049	0.019	
Aroclor-1268	ND	0.049	0.019	
PCBs	1.64	0.049	0.019	

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-030
Client ID: P-19_(4.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/20/2012
Data file: R3283.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.40g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 74.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.146	0.059
Aroclor-1221	ND		0.146	0.059
Aroclor-1232	ND		0.146	0.059
Aroclor-1242	0.967		0.146	0.059
Aroclor-1248	ND		0.146	0.059
Aroclor-1254	ND		0.146	0.059
Aroclor-1260	ND		0.146	0.059
Aroclor-1262	ND		0.146	0.059
Aroclor-1268	ND		0.146	0.059
PCBs	0.967		0.146	0.059

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-031
Client ID: P-19_(4.5-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/20/2012
Data file: R3284.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	ND		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	ND		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-032

Client ID: O-20_(0-2)

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3285.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.31g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1000

% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		41.3	16.5
Aroclor-1221	ND		41.3	16.5
Aroclor-1232	ND		41.3	16.5
Aroclor-1242	ND		41.3	16.5
Aroclor-1248	1480		41.3	16.5
Aroclor-1254	ND		41.3	16.5
Aroclor-1260	ND		41.3	16.5
Aroclor-1262	ND		41.3	16.5
Aroclor-1268	ND		41.3	16.5
PCBs	1480		41.3	16.5

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-033

Client ID: O-20_(2.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3286.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.09g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 10

% Moisture: 18.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.483	0.193
Aroclor-1221	ND		0.483	0.193
Aroclor-1232	ND		0.483	0.193
Aroclor-1242	ND		0.483	0.193
Aroclor-1248	30.3		0.483	0.193
Aroclor-1254	ND		0.483	0.193
Aroclor-1260	ND		0.483	0.193
Aroclor-1262	ND		0.483	0.193
Aroclor-1268	ND		0.483	0.193
PCBs	30.3		0.483	0.193

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-034

Client ID: O-20_(4.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3287.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.30g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 19.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	0.082		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	0.082		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-035

Client ID: I-33_(0-2.

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/21/2012

Data file: R3334.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.71g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 100

% Moisture: 17.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.22	1.69
Aroclor-1221	ND		4.22	1.69
Aroclor-1232	ND		4.22	1.69
Aroclor-1242	ND		4.22	1.69
Aroclor-1248	75.1		4.22	1.69
Aroclor-1254	ND		4.22	1.69
Aroclor-1260	ND		4.22	1.69
Aroclor-1262	ND		4.22	1.69
Aroclor-1268	ND		4.22	1.69
PCBs	75.1		4.22	1.69

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-036
Client ID: I-33_(2.0-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/20/2012
Data file: R3289.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.18g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.042	0.017
Aroclor-1221	ND		0.042	0.017
Aroclor-1232	ND		0.042	0.017
Aroclor-1242	ND		0.042	0.017
Aroclor-1248	0.072		0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	ND		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	0.072		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-037

Client ID: I-33_(4.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3290.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.37g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 21.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	2.66		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	ND		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	2.66		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-038
Client ID: I-33_(4.75
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/21/2012
Data file: R3335.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 71.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND	131	131	52.5
Aroclor-1221	ND	131	131	52.5
Aroclor-1232	ND	131	131	52.5
Aroclor-1242	ND	131	131	52.5
Aroclor-1248	8850	131	131	52.5
Aroclor-1254	ND	131	131	52.5
Aroclor-1260	ND	131	131	52.5
Aroclor-1262	ND	131	131	52.5
Aroclor-1268	ND	131	131	52.5
PCBs	8850	131	131	52.5

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-039
Client ID: H-36_(5.5-
Date Received: 08/07/2012
Date Extracted: 08/09/2012
Date Analyzed: 08/23/2012
Data file: R3438.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.26g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 67.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.115	0.046
Aroclor-1221	ND		0.115	0.046
Aroclor-1232	ND		0.115	0.046
Aroclor-1242	ND		0.115	0.046
Aroclor-1248	ND		0.115	0.046
Aroclor-1254	ND		0.115	0.046
Aroclor-1260	ND		0.115	0.046
Aroclor-1262	ND		0.115	0.046
Aroclor-1268	ND		0.115	0.046
PCBs	ND		0.115	0.046

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-040

Client ID: H-36_(6.0-

Date Received: 08/07/2012

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3293.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.06g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 23.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	ND		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	ND		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	ND		0.052	0.021

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 07988-042

Client ID: FB-27

Date Received: 08/07/2012

Date Extracted: 08/13/2012

Date Analyzed: 08/15/2012

Data file: Y8463.D

GC Column: DB-5/DB1701P

Sample wt/vol: 1000ml

Matrix-Units: Aqueous-mg/L (ppm)

Dilution Factor: 1

% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND	0.00005	0.00002	
Aroclor-1221	ND	0.00005	0.00002	
Aroclor-1232	ND	0.00005	0.00002	
Aroclor-1242	ND	0.00005	0.00002	
Aroclor-1248	ND	0.00005	0.00002	
Aroclor-1254	ND	0.00005	0.00002	
Aroclor-1260	ND	0.00005	0.00002	
Aroclor-1262	ND	0.00005	0.00002	
Aroclor-1268	ND	0.00005	0.00002	
PCBs	ND	0.00005	0.00002	

PCB DATA

E12-07988 0056

PCB QC SUMMARY

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/14/2012

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKA120813-05	AQUEOUS	90		77		83		81	
MW8/11.41	08039-001	AQUEOUS	33		66		47		77	
PZ-2A/8.07	08039-002	AQUEOUS	56		74		65		85	
MW10/13.42	08039-003	AQUEOUS	37		62		48		71	
PZ-5A/12.8	08039-004	AQUEOUS	38		72		52		77	
MW11/17.73	08039-005	AQUEOUS	36		71		49		79	
PZ-1A/18.6	08039-006	AQUEOUS	40		71		54		81	
PZ-3A/20.5	08039-008	AQUEOUS	38		69		66		84	
PZ-4A	08039-009	AQUEOUS	60		69		63		81	
MW7	08039-010	AQUEOUS	41		68		55		77	
FB	08039-011	AQUEOUS	77		69		73		75	
PLA-V12-19	08006-001	AQUEOUS	39		70		55		78	
SUM-V12-19	08007-001	AQUEOUS	43		52		48		68	
SUM-V12-19	08007-002	AQUEOUS	45		62		50		74	
FB-26	07954-060	AQUEOUS	76		63		72		67	
FB-27	07988-042	AQUEOUS	79		67		74		71	
PCB	08039-001MS	AQUEOUS	41		68		56		76	
PCB	08039-001MSD	AQUEOUS	44		79		58		86	
PCB	LCSA120813-05	AQUEOUS	78		68		73		70	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

21-163

Aqueous

11-163

30-172

13-170

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/19/2012

Client ID	Lab	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
				% rec	#	% rec	#	% rec	#	% rec	#
PCB		BLKS120809-01	SOIL	133		88		120		69	
W-13_(0-2.		07988-001	SOIL	0	D	0	D	0	D	0	D
W-13_(4.0-		07988-003	SOIL	119		172		117		77	
W-13_(4.25		07988-004	SOIL	134		90		117		78	
W-12_(3.25		07988-007	SOIL	124		84		119		76	
W-12_(4.0-		07988-008	SOIL	74		79		108		82	
S-30_(2.0-		07988-010	SOIL	69		58		82		42	
S-30_(3.0-		07988-011	SOIL	92		70		110		64	
S-30_(4.0-		07988-012	SOIL	113		59		113		68	
T-31_(2.0-		07988-014	SOIL	100		73		108		85	
T-31_(3.0-		07988-015	SOIL	106		82		117		68	
T-31_(4.5-		07988-016	SOIL	119		66		118		65	
U-26_(0-2.		07988-017	SOIL	153		83		144		82	
U-26_(2.0-		07988-018	SOIL	102		94		112		80	
U-26_(3.5-		07988-019	SOIL	112		79		124		73	
U-26_(4.0-		07988-020	SOIL	118		68		119		68	
PCB		07988-020MS	SOIL	118		85		119		63	
PCB		07988-020MSD	SOIL	120		86		118		65	
PCB		LCSS120809-01	SOIL	144		87		139		69	
W-13_(2.0-		07988-002	SOIL	0	D	0	D	0	D	0	D
W-12_(0-2.		07988-005	SOIL	0	D	0	D	0	D	0	D
W-12_(2.0-		07988-006	SOIL	0	D	0	D	0	D	0	D
S-30_(0-2.		07988-009	SOIL	99		67		112		54	
T-31_(0-2.		07988-013	SOIL	136		60		138		64	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

Aqueous

21-163 11-163

30-172 13-170

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/20/2012

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS120809-02	SOIL	109		63		111		63	
Q-22_(0-2.	07988-021	SOIL	94		58		102		62	
Q-22_(2.0-	07988-022	SOIL	99		65		99		66	
Q-22_(4.0-	07988-023	SOIL	101		78		104		66	
P-21_(0-2.	07988-024	SOIL	106		61		103		87	
P-21_(2.0-	07988-025	SOIL	113		120		116		128	
P-21_(3.25	07988-026	SOIL	78		59		76		65	
P-21_(4.25	07988-027	SOIL	104		69		111		74	
P-19_(2.0-	07988-029	SOIL	91		64		103		64	
P-19_(4.0-	07988-030	SOIL	115		74		127		68	
P-19_(4.5-	07988-031	SOIL	109		60		113		60	
O-20_(0-2.	07988-032	SOIL	0	D	0	D	0	D	0	D
O-20_(2.0-	07988-033	SOIL	128		107		123		60	
O-20_(4.0-	07988-034	SOIL	109		81		115		64	
I-33_(2.0-	07988-036	SOIL	115		83		115		64	
I-33_(4.0-	07988-037	SOIL	114		79		114		58	
H-36_(6.0-	07988-040	SOIL	108		62		113		59	
PCB	07988-040MS	SOIL	109		62		112		49	
PCB	07988-040MSD	SOIL	111		74		114		56	
PCB	LCSS120809-02	SOIL	128		70		118		57	
P-19_(0-2.	07988-028	SOIL	0	D	0	D	0	D	0	D
I-33_(0-2.	07988-035	SOIL	0	D	0	D	0	D	0	D
I-33_(4.75	07988-038	SOIL	0	D	0	D	0	D	0	D
H-36_(5.5-	07988-039	SOIL	117		108		117		93	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

21-163

Aqueous

11-163

30-172

13-170

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

AQUEOUS PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSA120813-05

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	392.0	78	40 - 140
Aroclor-1260	500.0	0.0	323.3	65	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120809-01

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	700.2	140	40 - 140
Aroclor-1260	500.0	0.0	560.1	112	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120809-02

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	535.7	107	40 - 140
Aroclor-1260	500.0	0.0	417.3	83	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 08039-001

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	264.0	53	40 - 140
Aroclor-1260	500.0	0.0	292.8	59	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	248.4	50	6	50	40 - 140
Aroclor-1260	0.0	271.4	54	9	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07988-020

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	508.5	102	40 - 140
Aroclor-1260	500.0	0.0	420.8	84	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	539.3	108	6	50	40 - 140
Aroclor-1260	0.0	432.0	86	2	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07988-040

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	488.0	98	40 - 140
Aroclor-1260	500.0	0.0	400.2	80	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	511.5	102	4	50	40 - 140
Aroclor-1260	0.0	427.5	86	7	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

PCB METHOD BLANK SUMMARY

Lab File ID: Y8448.D

Instrument ID: GC-Y

Date Extracted: 08/13/2012

Matrix: AQUEOUS

Date Analyzed: 08/14/2012

Time Analyzed: 21:54

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
MW8/11.41	08039-001	08/14/2012	22:11
PZ-2A/8.07	08039-002	08/14/2012	22:28
MW10/13.42	08039-003	08/14/2012	22:45
PZ-5A/12.8	08039-004	08/14/2012	23:03
MW11/17.73	08039-005	08/14/2012	23:20
PZ-1A/18.6	08039-006	08/14/2012	23:37
PZ-3A/20.5	08039-008	08/14/2012	23:54
PZ-4A	08039-009	08/15/2012	00:11
MW7	08039-010	08/15/2012	00:29
FB	08039-011	08/15/2012	00:46
PLA-V12-19	08006-001	08/15/2012	01:03
SUM-V12-19	08007-001	08/15/2012	01:20
SUM-V12-19	08007-002	08/15/2012	01:37
FB-26	07954-060	08/15/2012	01:54
FB-27	07988-042	08/15/2012	02:12
PCB	08039-001MS	08/15/2012	02:29
PCB	08039-001MSD	08/15/2012	02:46
PCB	LCSA120813-05	08/15/2012	03:03

PCB METHOD BLANK SUMMARY

Lab File ID: R3247.D

Instrument ID: GC-R

Date Extracted: 08/09/2012

Matrix: SOIL

Date Analyzed: 08/19/2012

Time Analyzed: 16:56

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
W-13_(0-2.	07988-001	08/19/2012	17:13
W-13_(4.0-	07988-003	08/19/2012	17:48
W-13_(4.25	07988-004	08/19/2012	18:06
W-12_(3.25	07988-007	08/19/2012	18:58
W-12_(4.0-	07988-008	08/19/2012	19:15
S-30_(2.0-	07988-010	08/19/2012	19:50
S-30_(3.0-	07988-011	08/19/2012	20:08
S-30_(4.0-	07988-012	08/19/2012	20:25
T-31_(2.0-	07988-014	08/19/2012	21:00
T-31_(3.0-	07988-015	08/19/2012	21:18
T-31_(4.5-	07988-016	08/19/2012	21:35
U-26_(0-2.	07988-017	08/19/2012	21:52
U-26_(2.0-	07988-018	08/19/2012	22:10
U-26_(3.5-	07988-019	08/19/2012	22:27
U-26_(4.0-	07988-020	08/19/2012	22:45
PCB	07988-020MS	08/19/2012	23:02
PCB	07988-020MSD	08/19/2012	23:19
PCB	LCSS120809-01	08/19/2012	23:37
W-13_(2.0-	07988-002	08/21/2012	02:06
W-12_(0-2.	07988-005	08/21/2012	02:24
W-12_(2.0-	07988-006	08/21/2012	02:41
S-30_(0-2.	07988-009	08/21/2012	02:58
T-31_(0-2.	07988-013	08/21/2012	03:16

PCB METHOD BLANK SUMMARY

Lab File ID: R3273.D Instrument ID: GC-R

Date Extracted: 08/09/2012 Matrix: SOIL

Date Analyzed: 08/20/2012 Time Analyzed: 09:29

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
Q-22_(0-2.	07988-021	08/20/2012	09:46
Q-22_(2.0-	07988-022	08/20/2012	10:04
Q-22_(4.0-	07988-023	08/20/2012	10:21
P-21_(0-2.	07988-024	08/20/2012	10:39
P-21_(2.0-	07988-025	08/20/2012	10:56
P-21_(3.25	07988-026	08/20/2012	11:14
P-21_(4.25	07988-027	08/20/2012	11:31
P-19_(2.0-	07988-029	08/20/2012	12:06
P-19_(4.0-	07988-030	08/20/2012	12:23
P-19_(4.5-	07988-031	08/20/2012	12:41
O-20_(0-2.	07988-032	08/20/2012	12:58
O-20_(2.0-	07988-033	08/20/2012	13:16
O-20_(4.0-	07988-034	08/20/2012	13:33
I-33_(2.0-	07988-036	08/20/2012	14:08
I-33_(4.0-	07988-037	08/20/2012	14:26
H-36_(6.0-	07988-040	08/20/2012	15:18
PCB	07988-040MS	08/20/2012	15:36
PCB	07988-040MSD	08/20/2012	15:53
PCB	LCSS120809-02	08/20/2012	16:11
P-19_(0-2.	07988-028	08/21/2012	03:33
I-33_(0-2.	07988-035	08/21/2012	03:51
I-33_(4.75	07988-038	08/21/2012	04:08
H-36_(5.5-	07988-039	08/23/2012	20:46

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.28	3.28	3.28	3.28	3.28	3.28	3.21	3.35
Aroclor-1016 {2}	4.11	4.11	4.11	4.11	4.11	4.11	4.04	4.18
Aroclor-1016 {3}	4.66	4.66	4.66	4.66	4.66	4.66	4.59	4.73
Aroclor-1016 {4}	5.16	5.17	5.17	5.17	5.17	5.17	5.10	5.24
Aroclor-1016 {5}	5.56	5.56	5.56	5.56	5.56	5.56	5.49	5.63
Aroclor-1221			2.18				2.11	2.25
Aroclor-1221 {2}			3.07				3.00	3.14
Aroclor-1221 {3}			3.20				3.13	3.27
Aroclor-1221 {4}			3.28				3.21	3.35
Aroclor-1221 {5}			3.87				3.80	3.94
Aroclor-1232			3.28				3.21	3.35
Aroclor-1232 {2}			4.11				4.04	4.18
Aroclor-1232 {3}			4.77				4.70	4.84
Aroclor-1232 {4}			5.37				5.30	5.44
Aroclor-1232 {5}			5.56				5.49	5.63
Aroclor-1242			4.11				4.04	4.18
Aroclor-1242 {2}			5.05				4.98	5.12
Aroclor-1242 {3}			5.37				5.30	5.44
Aroclor-1242 {4}			6.06				5.99	6.13
Aroclor-1242 {5}			6.33				6.26	6.40
Aroclor-1248			4.51				4.43	4.59
Aroclor-1248 {2}			5.05				4.97	5.13
Aroclor-1248 {3}			5.37				5.29	5.45
Aroclor-1248 {4}			6.06				5.98	6.14
Aroclor-1248 {5}			6.33				6.25	6.41
Aroclor-1254			6.46				6.38	6.54
Aroclor-1254 {2}			6.89				6.81	6.97
Aroclor-1254 {3}			7.05				6.96	7.14
Aroclor-1254 {4}			7.49				7.40	7.58
Aroclor-1254 {5}			8.33				8.24	8.42
Aroclor-1260	8.33	8.33	8.33	8.33	8.33	8.33	7.43	9.23
Aroclor-1260 {2}	9.01	9.00	9.00	9.01	9.00	9.01	8.11	9.91
Aroclor-1260 {3}	9.48	9.48	9.48	9.48	9.48	9.48	8.58	10.38
Aroclor-1260 {4}	9.96	9.96	9.96	9.96	9.96	9.96	9.06	10.86
Aroclor-1260 {5}	11.02	11.02	11.02	11.02	11.02	11.02	10.12	11.92

AROCLOL INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012 Instrument ID: GC-Y
 GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	1499497	1643572	1620204	1731844	1719392	1642902	5.68
Aroclor-1016 {2}	2187265	2186431	2233810	2382611	2382046	2274432	4.41
Aroclor-1016 {3}	2912686	2970331	3031654	3289357	3297690	3100344	5.85
Aroclor-1016 {4}	1473842	1463685	1463123	1543728	1536374	1496150	2.70
Aroclor-1016 {5}	2335219	2359157	2429888	2639510	2665231	2485801	6.29
Aroclor-1221			857779				
Aroclor-1221 {2}			1274912				
Aroclor-1221 {3}			830802				
Aroclor-1221 {4}			3079812				
Aroclor-1221 {5}			690280				
Aroclor-1232			1822159				
Aroclor-1232 {2}			1003890				
Aroclor-1232 {3}			928746				
Aroclor-1232 {4}			974151				
Aroclor-1232 {5}			1306873				
Aroclor-1242			2214957				
Aroclor-1242 {2}			1390717				
Aroclor-1242 {3}			1992389				
Aroclor-1242 {4}			3277799				
Aroclor-1242 {5}			2814572				
Aroclor-1248			4408931				
Aroclor-1248 {2}			2423768				
Aroclor-1248 {3}			3068505				
Aroclor-1248 {4}			5573129				
Aroclor-1248 {5}			4165551				
Aroclor-1254			5890792				
Aroclor-1254 {2}			3879129				
Aroclor-1254 {3}			7412088				
Aroclor-1254 {4}			7690374				
Aroclor-1254 {5}			6900019				
Aroclor-1260	6754156	6816455	7228305	7784304	7734241	7263492	6.72
Aroclor-1260 {2}	2788826	3091170	3209959	3370664	3384228	3168969	7.72
Aroclor-1260 {3}	7747207	7867436	8197830	8754564	8696832	8252774	5.61
Aroclor-1260 {4}	3858168	4076459	4066742	4340387	4322153	4132782	4.87
Aroclor-1260 {5}	1594242	1739131	1689846	1780779	1611042	1683008	4.77
Average %RSD						5.46	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (2nd): RTX-CLP2

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.79	3.79	3.79	3.79	3.79	3.79	3.72	3.86
Aroclor-1016 {2}	4.39	4.39	4.39	4.39	4.39	4.39	4.32	4.46
Aroclor-1016 {3}	5.14	5.14	5.14	5.14	5.14	5.14	5.07	5.21
Aroclor-1016 {4}	5.35	5.35	5.35	5.35	5.35	5.35	5.28	5.42
Aroclor-1016 {5}	5.52	5.52	5.52	5.53	5.52	5.52	5.45	5.59
Aroclor-1221			2.47				2.40	2.54
Aroclor-1221 {2}			3.47				3.40	3.54
Aroclor-1221 {3}			3.71				3.64	3.78
Aroclor-1221 {4}			3.80				3.73	3.87
Aroclor-1221 {5}			5.15				5.08	5.22
Aroclor-1232			3.79				3.72	3.86
Aroclor-1232 {2}			4.78				4.71	4.85
Aroclor-1232 {3}			5.35				5.28	5.42
Aroclor-1232 {4}			5.53				5.46	5.60
Aroclor-1232 {5}			6.13				6.06	6.20
Aroclor-1242			4.77				4.70	4.84
Aroclor-1242 {2}			5.52				5.45	5.59
Aroclor-1242 {3}			6.12				6.05	6.19
Aroclor-1242 {4}			6.28				6.21	6.35
Aroclor-1242 {5}			6.83				6.76	6.90
Aroclor-1248			5.14				5.06	5.22
Aroclor-1248 {2}			5.72				5.64	5.80
Aroclor-1248 {3}			6.12				6.04	6.20
Aroclor-1248 {4}			6.28				6.20	6.36
Aroclor-1248 {5}			6.63				6.55	6.71
Aroclor-1254			7.12				7.04	7.20
Aroclor-1254 {2}			7.71				7.63	7.79
Aroclor-1254 {3}			8.32				8.23	8.41
Aroclor-1254 {4}			8.55				8.46	8.64
Aroclor-1254 {5}			9.14				9.05	9.23
Aroclor-1260	7.89	7.89	7.89	7.89	7.89	7.89	6.99	8.79
Aroclor-1260 {2}	8.14	8.14	8.14	8.14	8.14	8.14	7.24	9.04
Aroclor-1260 {3}	9.73	9.73	9.73	9.73	9.73	9.73	8.83	10.63
Aroclor-1260 {4}	10.23	10.24	10.24	10.24	10.24	10.24	9.34	11.14
Aroclor-1260 {5}	10.83	10.83	10.83	10.83	10.83	10.83	9.93	11.73

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (2nd): RTX-CLP2

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	716762	706227	592756	606323	580908	640595	10.22
Aroclor-1016 {2}	1491342	1367756	1172264	1189784	1143037	1272837	11.82
Aroclor-1016 {3}	3232967	3014659	2707397	2809215	2741209	2901089	7.60
Aroclor-1016 {4}	1397458	1343377	1159070	1184958	1147159	1246404	9.28
Aroclor-1016 {5}	1092976	1027173	900173	930790	905784	971379	8.75
Aroclor-1221			303117				
Aroclor-1221 {2}			445826				
Aroclor-1221 {3}			275257				
Aroclor-1221 {4}			1026756				
Aroclor-1221 {5}			194646				
Aroclor-1232			669139				
Aroclor-1232 {2}			250595				
Aroclor-1232 {3}			554533				
Aroclor-1232 {4}			429284				
Aroclor-1232 {5}			589289				
Aroclor-1242			514508				
Aroclor-1242 {2}			903404				
Aroclor-1242 {3}			1170522				
Aroclor-1242 {4}			977089				
Aroclor-1242 {5}			1942170				
Aroclor-1248			1594094				
Aroclor-1248 {2}			2342634				
Aroclor-1248 {3}			1693836				
Aroclor-1248 {4}			1453571				
Aroclor-1248 {5}			839630				
Aroclor-1254			2166860				
Aroclor-1254 {2}			1708212				
Aroclor-1254 {3}			1684100				
Aroclor-1254 {4}			964117				
Aroclor-1254 {5}			2390859				
Aroclor-1260	1123931	1173392	1022484	1046311	1010906	1075405	6.54
Aroclor-1260 {2}	1719813	1703397	1498782	1527259	1473866	1584623	7.42
Aroclor-1260 {3}	1342862	1318301	1302734	1349136	1311077	1324822	1.53
Aroclor-1260 {4}	3007176	2672208	2849816	2985401	2914821	2885884	4.66
Aroclor-1260 {5}	1892243	1968924	2095635	2141260	2064573	2032527	4.95
Average %RSD						7.28	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.62				7.72	7.72
Aroclor-1262 {2}			9.48				8.58	8.58
Aroclor-1262 {3}			10.11				9.21	9.21
Aroclor-1262 {4}			10.20				9.20	9.20
Aroclor-1262 {5}			11.02				10.02	10.02
Aroclor-1268			10.11				9.11	9.11
Aroclor-1268 {2}			10.19				9.09	9.09
Aroclor-1268 {3}			10.66				9.56	9.56
Aroclor-1268 {4}			10.79				9.69	9.69
Aroclor-1268 {5}			11.62				10.52	10.52

GC Column (2nd): DB-1701P

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.73				8.83	8.83
Aroclor-1262 {2}			10.24				9.34	9.34
Aroclor-1262 {3}			10.73				9.83	9.83
Aroclor-1262 {4}			10.82				9.82	9.82
Aroclor-1262 {5}			11.42				10.42	10.42
Aroclor-1268			10.73				9.73	9.73
Aroclor-1268 {2}			10.81				9.71	9.71
Aroclor-1268 {3}			11.06				9.96	9.96
Aroclor-1268 {4}			11.21				10.11	10.11
Aroclor-1268 {5}			12.28				11.18	11.18

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012 Instrument ID: GC-Y
 GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			7714965				
Aroclor-1262 {2}			14417198				
Aroclor-1262 {3}			3110518				
Aroclor-1262 {4}			6075825				
Aroclor-1262 {5}			4508924				
Aroclor-1268			10860016				
Aroclor-1268 {2}			14225411				
Aroclor-1268 {3}			10282793				
Aroclor-1268 {4}			2897358				
Aroclor-1268 {5}			31426339				

GC Column (2nd): DB-1701P

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			2286092				
Aroclor-1262 {2}			5016859				
Aroclor-1262 {3}			1654661				
Aroclor-1262 {4}			3415456				
Aroclor-1262 {5}			562448				
Aroclor-1268			4906314				
Aroclor-1268 {2}			5097805				
Aroclor-1268 {3}			4029758				
Aroclor-1268 {4}			1168430				
Aroclor-1268 {5}			12079931				

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.98	3.98	3.97	3.97	3.97	3.97	3.90	4.04
Aroclor-1016 {2}	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1016 {3}	5.45	5.45	5.45	5.45	5.45	5.45	5.38	5.52
Aroclor-1016 {4}	5.99	5.99	5.98	5.98	5.99	5.99	5.92	6.06
Aroclor-1016 {5}	6.40	6.40	6.40	6.40	6.40	6.40	6.33	6.47
Aroclor-1221			2.75				2.68	2.82
Aroclor-1221 {2}			3.75				3.68	3.82
Aroclor-1221 {3}			3.89				3.82	3.96
Aroclor-1221 {4}			3.98				3.91	4.05
Aroclor-1221 {5}			4.62				4.55	4.69
Aroclor-1232			3.98				3.91	4.05
Aroclor-1232 {2}			4.87				4.80	4.94
Aroclor-1232 {3}			5.57				5.50	5.64
Aroclor-1232 {4}			6.19				6.12	6.26
Aroclor-1232 {5}			6.40				6.33	6.47
Aroclor-1242			4.87				4.80	4.94
Aroclor-1242 {2}			5.86				5.79	5.93
Aroclor-1242 {3}			6.19				6.12	6.26
Aroclor-1242 {4}			6.91				6.84	6.98
Aroclor-1242 {5}			7.20				7.13	7.27
Aroclor-1248			5.29				5.21	5.37
Aroclor-1248 {2}			5.86				5.78	5.94
Aroclor-1248 {3}			6.19				6.11	6.27
Aroclor-1248 {4}			6.92				6.84	7.00
Aroclor-1248 {5}			7.20				7.12	7.28
Aroclor-1254			7.32				7.24	7.40
Aroclor-1254 {2}			7.77				7.69	7.85
Aroclor-1254 {3}			7.94				7.85	8.03
Aroclor-1254 {4}			8.39				8.30	8.48
Aroclor-1254 {5}			9.25				9.16	9.34
Aroclor-1260	9.24	9.25	9.25	9.25	9.25	9.25	8.35	10.15
Aroclor-1260 {2}	9.94	9.94	9.94	9.94	9.94	9.94	9.04	10.84
Aroclor-1260 {3}	10.41	10.41	10.41	10.41	10.41	10.41	9.51	11.31
Aroclor-1260 {4}	10.91	10.90	10.90	10.91	10.91	10.91	10.01	11.81
Aroclor-1260 {5}	11.98	11.98	11.98	11.98	11.98	11.98	11.08	12.88

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1016	4148547	3474713	3391408	3465880	3183041	3532718	10.30
Aroclor-1016 {2}	4814045	4541000	4561907	4617462	3394207	4385724	12.88
Aroclor-1016 {3}	7568738	6430138	6225723	6332514	5696869	6450796	10.64
Aroclor-1016 {4}	3542346	3069983	2794832	2915236	2754293	3015338	10.59
Aroclor-1016 {5}	6830760	5605541	5084418	5245594	4927718	5538806	13.81
Aroclor-1221			1229343				
Aroclor-1221 {2}			1914692				
Aroclor-1221 {3}			1356591				
Aroclor-1221 {4}			4598908				
Aroclor-1221 {5}			960571				
Aroclor-1232			3418592				
Aroclor-1232 {2}			1963761				
Aroclor-1232 {3}			1861795				
Aroclor-1232 {4}			1873511				
Aroclor-1232 {5}			2526106				
Aroclor-1242			3604887				
Aroclor-1242 {2}			2304299				
Aroclor-1242 {3}			3251247				
Aroclor-1242 {4}			4676274				
Aroclor-1242 {5}			4426889				
Aroclor-1248			7617307				
Aroclor-1248 {2}			4289968				
Aroclor-1248 {3}			5493016				
Aroclor-1248 {4}			8520185				
Aroclor-1248 {5}			7158979				
Aroclor-1254			9934700				
Aroclor-1254 {2}			6357385				
Aroclor-1254 {3}			11846584				
Aroclor-1254 {4}			13808739				
Aroclor-1254 {5}			11537908				
Aroclor-1260	13232716	14847679	14279675	14895160	12844991	14020044	6.69
Aroclor-1260 {2}	8356822	7467531	7187821	8016598	6047587	7415272	12.01
Aroclor-1260 {3}	24553014	24006644	25499192	26354326	24629842	25008604	3.69
Aroclor-1260 {4}	10630020	10556390	10880601	10512594	9382497	10392420	5.60
Aroclor-1260 {5}	5154888	4820946	4487637	4471914	4276315	4642340	7.47
Average %RSD							9.37

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	4.31	4.31	4.31	4.31	4.31	4.31	4.24	4.38
Aroclor-1016 {2}	4.93	4.93	4.93	4.93	4.93	4.93	4.86	5.00
Aroclor-1016 {3}	5.70	5.70	5.70	5.70	5.70	5.70	5.63	5.77
Aroclor-1016 {4}	5.91	5.91	5.91	5.91	5.91	5.91	5.84	5.98
Aroclor-1016 {5}	6.09	6.09	6.09	6.09	6.10	6.09	6.02	6.16
Aroclor-1221			2.91				2.84	2.98
Aroclor-1221 {2}			3.97				3.90	4.04
Aroclor-1221 {3}			4.21				4.14	4.28
Aroclor-1221 {4}			4.31				4.24	4.38
Aroclor-1221 {5}			5.70				5.63	5.77
Aroclor-1232			4.31				4.24	4.38
Aroclor-1232 {2}			5.33				5.26	5.40
Aroclor-1232 {3}			5.92				5.85	5.99
Aroclor-1232 {4}			6.10				6.03	6.17
Aroclor-1232 {5}			6.70				6.63	6.77
Aroclor-1242			5.33				5.26	5.40
Aroclor-1242 {2}			6.09				6.02	6.16
Aroclor-1242 {3}			6.70				6.63	6.77
Aroclor-1242 {4}			6.86				6.79	6.93
Aroclor-1242 {5}			7.42				7.35	7.49
Aroclor-1248			5.70				5.62	5.78
Aroclor-1248 {2}			6.30				6.22	6.38
Aroclor-1248 {3}			6.70				6.62	6.78
Aroclor-1248 {4}			6.86				6.78	6.94
Aroclor-1248 {5}			7.22				7.14	7.30
Aroclor-1254			7.71				7.63	7.79
Aroclor-1254 {2}			8.31				8.23	8.39
Aroclor-1254 {3}			8.76				8.67	8.85
Aroclor-1254 {4}			8.93				8.84	9.02
Aroclor-1254 {5}			9.76				9.67	9.85
Aroclor-1260	8.75	8.76	8.75	8.75	8.76	8.75	7.85	9.65
Aroclor-1260 {2}	9.16	9.16	9.16	9.16	9.16	9.16	8.26	10.06
Aroclor-1260 {3}	10.37	10.37	10.37	10.37	10.37	10.37	9.47	11.27
Aroclor-1260 {4}	10.88	10.88	10.88	10.88	10.88	10.88	9.98	11.78
Aroclor-1260 {5}	11.47	11.48	11.48	11.48	11.48	11.48	10.58	12.38

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	3301781	2954105	2643643	2529226	2303020	2746355	14.17
Aroclor-1016 {2}	6707489	6150160	5110511	4948360	4347097	5452724	17.53
Aroclor-1016 {3}	14745460	12859894	11264390	11150500	10121445	12028338	15.02
Aroclor-1016 {4}	5742883	5607312	4849813	4698138	4249064	5029442	12.55
Aroclor-1016 {5}	5012641	4334838	3727625	3633227	3135719	3968810	18.21
Aroclor-1221			1122396				
Aroclor-1221 {2}			1539972				
Aroclor-1221 {3}			1037434				
Aroclor-1221 {4}			3477204				
Aroclor-1221 {5}			726493				
Aroclor-1232			2723088				
Aroclor-1232 {2}			1075934				
Aroclor-1232 {3}			2243133				
Aroclor-1232 {4}			1695418				
Aroclor-1232 {5}			2462122				
Aroclor-1242			1734866				
Aroclor-1242 {2}			2937496				
Aroclor-1242 {3}			3926592				
Aroclor-1242 {4}			3302370				
Aroclor-1242 {5}			3081015				
Aroclor-1248			5584663				
Aroclor-1248 {2}			7985358				
Aroclor-1248 {3}			5968248				
Aroclor-1248 {4}			5106084				
Aroclor-1248 {5}			2887863				
Aroclor-1254			5441537				
Aroclor-1254 {2}			5978071				
Aroclor-1254 {3}			3838743				
Aroclor-1254 {4}			5725090				
Aroclor-1254 {5}			7956918				
Aroclor-1260	7970181	7043339	5736710	5616554	5210658	6315488	18.25
Aroclor-1260 {2}	9207320	8223573	6675375	6514070	5872398	7298547	18.81
Aroclor-1260 {3}	5862064	5654391	4967417	4891180	3825217	5040054	15.86
Aroclor-1260 {4}	11168198	10895756	9702263	9449954	8929616	10029157	9.59
Aroclor-1260 {5}	9642825	8763279	7680727	7558727	6969315	8122975	13.15
Average %RSD						15.31	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.54				8.64	8.64
Aroclor-1262 {2}			10.41				9.51	9.51
Aroclor-1262 {3}			11.06				10.16	10.16
Aroclor-1262 {4}			11.15				10.15	10.15
Aroclor-1262 {5}			11.98				10.98	10.98
Aroclor-1268			11.06				10.06	10.06
Aroclor-1268 {2}			11.15				10.05	10.05
Aroclor-1268 {3}			11.63				10.53	10.53
Aroclor-1268 {4}			11.76				10.66	10.66
Aroclor-1268 {5}			12.60				11.50	11.50

GC Column (2nd): DB-1701P

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			10.37				9.47	9.47
Aroclor-1262 {2}			10.88				9.98	9.98
Aroclor-1262 {3}			11.38				10.48	10.48
Aroclor-1262 {4}			11.47				10.47	10.47
Aroclor-1262 {5}			12.08				11.08	11.08
Aroclor-1268			11.38				10.38	10.38
Aroclor-1268 {2}			11.46				10.36	10.36
Aroclor-1268 {3}			11.72				10.62	10.62
Aroclor-1268 {4}			11.87				10.77	10.77
Aroclor-1268 {5}			12.95				11.85	11.85

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1262			17525688				
Aroclor-1262 {2}			29638775				
Aroclor-1262 {3}			11417295				
Aroclor-1262 {4}			11211241				
Aroclor-1262 {5}			8026484				
Aroclor-1268			32102927				
Aroclor-1268 {2}			27961472				
Aroclor-1268 {3}			23524487				
Aroclor-1268 {4}			5436485				
Aroclor-1268 {5}			59091331				

GC Column (2nd): DB-1701P

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1262			6981401				
Aroclor-1262 {2}			14077231				
Aroclor-1262 {3}			5235717				
Aroclor-1262 {4}			10133728				
Aroclor-1262 {5}			1994301				
Aroclor-1268			15051290				
Aroclor-1268 {2}			14571754				
Aroclor-1268 {3}			12197691				
Aroclor-1268 {4}			3103769				
Aroclor-1268 {5}			37540894				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/14/2012

Instrument ID: GC-Y

Data File: Y8447.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1859822	13.20
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2551670	12.19
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3455981	11.47
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1659142	10.89
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2755912	10.87
Aroclor-1260	8.33	7.43	9.23	7263492	7717240	6.25
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3220104	1.61
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8333896	0.98
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4073480	1.43
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1766845	4.98
Average %D						7.39

Data File: Y8447.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	644443	0.60
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1277625	0.38
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2930251	1.01
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1245393	0.08
Aroclor-1016 {5}	5.52	5.45	5.59	971379	967940	0.35
Aroclor-1260	7.88	6.99	8.79	1075405	1048710	2.48
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1534887	3.14
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1353693	2.18
Aroclor-1260 {4}	10.22	9.34	11.14	2885884	2887450	0.05
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	2138680	5.22
Average %D						1.55

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/15/2012

Instrument ID: GC-Y

Data File: Y8467.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.28	3.21	3.35	1642902	1873596	14.04
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2577018	13.30
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3485116	12.41
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1669688	11.60
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2777984	11.75
Aroclor-1260	8.33	7.43	9.23	7263492	8023152	10.46
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3496484	10.34
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8926635	8.17
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4453675	7.76
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1667513	0.92
Average %D						10.08

Data File: Y8467.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.78	3.72	3.86	640595	657312	2.61
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1305706	2.58
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2974193	2.52
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1256855	0.84
Aroclor-1016 {5}	5.52	5.45	5.59	971379	981003	0.99
Aroclor-1260	7.88	6.99	8.79	1075405	1076144	0.07
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1573865	0.68
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1359462	2.61
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2875967	0.34
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	2040855	0.41
Average %D						1.37

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/19/2012

Instrument ID: GC-R

Data File: R3246.D

GC Column (1st):

DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.98	3.90	4.04	3532718	3802867	7.65
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4053699	7.57
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6780683	5.11
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3272866	8.54
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5634604	1.73
Aroclor-1260	9.25	8.35	10.15	14020044	15669760	11.77
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8837238	19.18
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	27624999	10.46
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	10894397	4.83
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	3865930	16.72
Average %D						9.36

Data File: R3246.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.30	4.24	4.38	2746355	2908841	5.92
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	5283904	3.10
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	11899157	1.07
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5165162	2.70
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4092832	3.12
Aroclor-1260	8.74	7.85	9.65	6315488	6507526	3.04
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7308851	0.14
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5269390	4.55
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	10418032	3.88
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	6936210	14.61
Average %D						4.21

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/19/2012

Instrument ID: GC-R

Data File: R3271.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.98	3.90	4.04	3532718	3800955	7.59
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4028288	8.15
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6753049	4.69
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3268591	8.40
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5627853	1.61
Aroclor-1260	9.25	8.35	10.15	14020044	15079881	7.56
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7632886	2.93
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	23079670	7.71
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	9433270	9.23
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	3873959	16.55
Average %D						7.44

Data File: R3271.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.30	4.24	4.38	2746355	3019712	9.95
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	5509254	1.04
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	12393136	3.03
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5343372	6.24
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4255403	7.22
Aroclor-1260	8.74	7.85	9.65	6315488	6586283	4.29
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7312253	0.19
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	5076639	0.73
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	9777685	2.51
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	6840255	15.79
Average %D						5.10

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/20/2012

Instrument ID: GC-R

Data File: R3272.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.98	3.90	4.04	3532718	3038084	14.00
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	3988678	9.05
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	5355331	16.98
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2636224	12.57
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	4489296	18.95
Aroclor-1260	9.25	8.35	10.15	14020044	15556826	10.96
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	6328273	14.66
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	20138684	19.47
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	9010953	13.29
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4175652	10.05
Average %D						14.00

Data File: R3272.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.30	4.24	4.38	2746355	2607267	5.06
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	4803574	11.91
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	10750371	10.62
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	4649521	7.55
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	3703569	6.68
Aroclor-1260	8.74	7.85	9.65	6315488	5809402	8.01
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6498914	10.96
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	4709642	6.56
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	9264118	7.63
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	6830919	15.91
Average %D						9.09

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/20/2012 Instrument ID: GC-R

Data File: R3297.D GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.99	3.90	4.04	3532718	3768960	6.69
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4015894	8.43
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6873027	6.55
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3298738	9.40
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5751176	3.83
Aroclor-1260	9.26	8.35	10.15	14020044	16357259	16.67
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	8182573	10.35
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	22991209	8.07
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	9234791	11.14
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	3972057	14.44
Average %D						9.56

Data File: R3297.C GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.30	4.24	4.38	2746355	3113682	13.38
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	5675014	4.08
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	12834876	6.71
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5504001	9.44
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4370281	10.12
Aroclor-1260	8.75	7.85	9.65	6315488	6691381	5.95
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7329921	0.43
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	4958070	1.63
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	9189271	8.37
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	6909874	14.93
Average %D						7.50

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/21/2012

Instrument ID: GC-R

Data File: R3324.D

GC Column (1st):

DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.99	3.90	4.04	3532718	3964963	12.24
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	3788599	13.62
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6871837	6.53
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3331609	10.49
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5775782	4.28
Aroclor-1260	9.26	8.35	10.15	14020044	16270506	16.05
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8045113	8.49
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	23090382	7.67
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	9519870	8.40
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4662226	0.43
Average %D						8.82

Data File: R3324.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.30	4.24	4.38	2746355	2768358	0.80
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	5903119	8.26
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13337703	10.89
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5722130	13.77
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4555804	14.79
Aroclor-1260	8.74	7.85	9.65	6315488	6737841	6.69
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7262301	0.50
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	5102083	1.23
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	9678552	3.50
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	7292644	10.22
Average %D						7.06

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/21/2012

Instrument ID: GC-R

Data File: R3336.D

GC Column (1st):

DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3732200	5.65
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4042542	7.82
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6980272	8.21
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3332615	10.52
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6555276	18.35
Aroclor-1260	9.26	8.35	10.15	14020044	16673627	18.93
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	8318371	12.18
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	26223726	4.86
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	10453521	0.59
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	5038436	8.53
Average %D						9.56

Data File: R3336.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	2850083	3.78
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	5967845	9.45
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	13573201	12.84
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5839618	16.11
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4655566	17.30
Aroclor-1260	8.75	7.85	9.65	6315488	7129593	12.89
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7636911	4.64
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5094117	1.07
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	9445331	5.82
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	7331976	9.74
Average %D						9.36

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/23/2012

Instrument ID: GC-R

Data File: R3429.D

GC Column (1st): DB-5

Compound	RT	RT WI NDW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.98	3.90	4.04	3532718	2967850	15.99
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	3668481	16.35
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6973319	8.10
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2988689	0.88
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	4748213	14.27
Aroclor-1260	9.25	8.35	10.15	14020044	12715713	9.30
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	6779888	8.57
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	22035457	11.89
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	10252453	1.35
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4821282	3.85
Average %D						9.06

Data File: R3429.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.31	4.24	4.38	2746355	2820740	2.71
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	4592771	15.77
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	10120881	15.86
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4573911	9.06
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	3695609	6.88
Aroclor-1260	8.75	7.85	9.65	6315488	5203843	17.60
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6058289	16.99
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5347423	6.10
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	9988613	0.40
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7843397	3.44
Average %D						9.48

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/23/2012

Instrument ID: GC-R

Data File: R3439.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.98	3.90	4.04	3532718	3664750	3.74
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	4046730	7.73
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6131378	4.95
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2847563	5.56
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	4962719	10.40
Aroclor-1260	9.25	8.35	10.15	14020044	12246454	12.65
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7676021	3.52
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	24663690	1.38
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	11536201	11.01
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4854636	4.57
Average %D						6.55

Data File: R3439.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	4.30	4.24	4.38	2746355	2766590	0.74
Aroclor-1016 {2}	4.91	4.86	5.00	5452724	5226649	4.15
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	11230826	6.63
Aroclor-1016 {4}	5.90	5.84	5.98	5029442	4540102	9.73
Aroclor-1016 {5}	6.08	6.02	6.16	3968810	3697502	6.84
Aroclor-1260	8.74	7.85	9.65	6315488	5496482	12.97
Aroclor-1260 {2}	9.14	8.26	10.06	7298547	6307757	13.58
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	4374706	13.20
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	11000472	9.68
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	8002375	1.48
Average %D						7.90

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.82</u>	DCB 1	<u>12.10</u>	TCMX 2	<u>2.91</u>	DCB 2	<u>12.49</u>
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Client ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
	Sample ID	Analyzed	Analyzed	RT #	RT #	RT #	RT #
PCB	BLKA120813-05	08/14/2012	21:54	2.82	12.10	2.91	12.49
MW8/11.41	08039-001	08/14/2012	22:11	2.82	12.10	2.91	12.49
PZ-2A/8.07	08039-002	08/14/2012	22:28	2.82	12.10	2.91	12.49
MW10/13.42	08039-003	08/14/2012	22:45	2.82	12.10	2.91	12.49
PZ-5A/12.8	08039-004	08/14/2012	23:03	2.82	12.10	2.91	12.49
MW11/17.73	08039-005	08/14/2012	23:20	2.82	12.10	2.91	12.49
PZ-1A/18.6	08039-006	08/14/2012	23:37	2.82	12.10	2.91	12.49
PZ-3A/20.5	08039-008	08/14/2012	23:54	2.82	12.11	2.91	12.49
PZ-4A	08039-009	08/15/2012	00:11	2.82	12.10	2.91	12.49
MW7	08039-010	08/15/2012	00:29	2.82	12.10	2.91	12.49
FB	08039-011	08/15/2012	00:46	2.82	12.11	2.91	12.49
PLA-V12-19	08006-001	08/15/2012	01:03	2.82	12.10	2.91	12.49
SUM-V12-19	08007-001	08/15/2012	01:20	2.82	12.10	2.91	12.49
SUM-V12-19	08007-002	08/15/2012	01:37	2.82	12.10	2.91	12.49
FB-26	07954-060	08/15/2012	01:54	2.82	12.10	2.91	12.49
FB-27	07988-042	08/15/2012	02:12	2.82	12.10	2.91	12.49
PCB	08039-001MS	08/15/2012	02:29	2.82	12.10	2.91	12.49
PCB	08039-001MSD	08/15/2012	02:46	2.82	12.10	2.91	12.49
PCB	LCSA120813-05	08/15/2012	03:03	2.82	12.11	2.91	12.49

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (\pm 0.10 Minutes)

DCB = Decachlorobiphenyl (\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>3.47</u>	DCB 1	<u>13.10</u>	TCMX 2	<u>3.38</u>	DCB 2	<u>13.17</u>
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Client ID	Sample ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
			Analyzed	Analyzed	RT #	RT #	RT #	RT #
PCB	BLKS120809-01		08/19/2012	16:56	3.47	13.10	3.38	13.17
W-13_(0-2.	07988-001		08/19/2012	17:13	0.00	D	0.00	D
W-13_(4.0-	07988-003		08/19/2012	17:48	3.47	13.10	3.38	13.17
W-13_(4.25	07988-004		08/19/2012	18:06	3.47	13.10	3.38	13.17
W-12_(3.25	07988-007		08/19/2012	18:58	3.47	13.10	3.38	13.17
W-12_(4.0-	07988-008		08/19/2012	19:15	3.47	13.10	3.38	13.17
S-30_(2.0-	07988-010		08/19/2012	19:50	3.47	13.10	3.38	13.17
S-30_(3.0-	07988-011		08/19/2012	20:08	3.47	13.10	3.38	13.17
S-30_(4.0-	07988-012		08/19/2012	20:25	3.47	13.10	3.38	13.17
T-31_(2.0-	07988-014		08/19/2012	21:00	3.47	13.10	3.38	13.17
T-31_(3.0-	07988-015		08/19/2012	21:18	3.47	13.10	3.38	13.17
T-31_(4.5-	07988-016		08/19/2012	21:35	3.47	13.10	3.38	13.17
U-26_(0-2.	07988-017		08/19/2012	21:52	3.48	13.10	3.39	13.17
U-26_(2.0-	07988-018		08/19/2012	22:10	3.47	13.10	3.38	13.17
U-26_(3.5-	07988-019		08/19/2012	22:27	3.47	13.10	3.38	13.17
U-26_(4.0-	07988-020		08/19/2012	22:45	3.47	13.10	3.38	13.17
PCB	07988-020MS		08/19/2012	23:02	3.47	13.10	3.38	13.17
PCB	07988-020MSD		08/19/2012	23:19	3.47	13.10	3.38	13.17
PCB	LCSS120809-01		08/19/2012	23:37	3.47	13.10	3.39	13.17
W-13_(2.0-	07988-002		08/21/2012	02:06	0.00	D	0.00	D
W-12_(0-2.	07988-005		08/21/2012	02:24	0.00	D	0.00	D
W-12_(2.0-	07988-006		08/21/2012	02:41	0.00	D	0.00	D
S-30_(0-2.	07988-009		08/21/2012	02:58	3.47	13.10	3.38	13.17
T-31_(0-2.	07988-013		08/21/2012	03:16	3.48	13.10	3.39	13.17

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>3.47</u>	DCB 1	<u>13.10</u>	TCMX 2	<u>3.38</u>	DCB 2	<u>13.17</u>
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Client ID	Lab	Date Analyzed	Time Analyzed	TCMX 1	DCB 1	TCMX 2	DCB 2
	Sample ID			RT #	RT #	RT #	RT #
PCB	BLKS120809-02	08/20/2012	09:29	3.47	13.10	3.38	13.17
Q-22_(0-2.	07988-021	08/20/2012	09:46	3.48	13.10	3.39	13.17
Q-22_(2.0-	07988-022	08/20/2012	10:04	3.48	13.10	3.39	13.17
Q-22_(4.0-	07988-023	08/20/2012	10:21	3.47	13.10	3.38	13.17
P-21_(0-2.	07988-024	08/20/2012	10:39	3.48	13.10	3.39	13.17
P-21_(2.0-	07988-025	08/20/2012	10:56	3.48	13.10	3.39	13.17
P-21_(3.25	07988-026	08/20/2012	11:14	3.47	13.10	3.38	13.17
P-21_(4.25	07988-027	08/20/2012	11:31	3.47	13.10	3.38	13.17
P-19_(2.0-	07988-029	08/20/2012	12:06	3.47	13.10	3.38	13.17
P-19_(4.0-	07988-030	08/20/2012	12:23	3.47	13.10	3.38	13.17
P-19_(4.5-	07988-031	08/20/2012	12:41	3.47	13.10	3.38	13.17
O-20_(0-2.	07988-032	08/20/2012	12:58	0.00 D	0.00 D	0.00 D	0.00 D
O-20_(2.0-	07988-033	08/20/2012	13:16	3.49	13.10	3.40	13.17
O-20_(4.0-	07988-034	08/20/2012	13:33	3.47	13.10	3.38	13.17
I-33_(2.0-	07988-036	08/20/2012	14:08	3.47	13.10	3.38	13.17
I-33_(4.0-	07988-037	08/20/2012	14:26	3.49	13.10	3.40	13.17
H-36_(6.0-	07988-040	08/20/2012	15:18	3.47	13.10	3.38	13.17
PCB	07988-040MS	08/20/2012	15:36	3.49	13.10	3.40	13.17
PCB	07988-040MSD	08/20/2012	15:53	3.49	13.10	3.39	13.17
PCB	LCSS120809-02	08/20/2012	16:11	3.47	13.10	3.38	13.17
P-19_(0-2.	07988-028	08/21/2012	03:33	0.00 D	0.00 D	0.00 D	0.00 D
I-33_(0-2.	07988-035	08/21/2012	03:51	0.00 D	0.00 D	0.00 D	0.00 D
I-33_(4.75	07988-038	08/21/2012	04:08	0.00 D	0.00 D	0.00 D	0.00 D
H-36_(5.5-	07988-039	08/23/2012	20:46	3.47	13.10	3.38	13.16

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (\pm 0.10 Minutes)

DCB = Decachlorobiphenyl (\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3248.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 17:13
 Operator : YG
 Sample : W-13_(0-2.,07988-001,S,5.09g,5.40,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1000
 ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:03:45 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

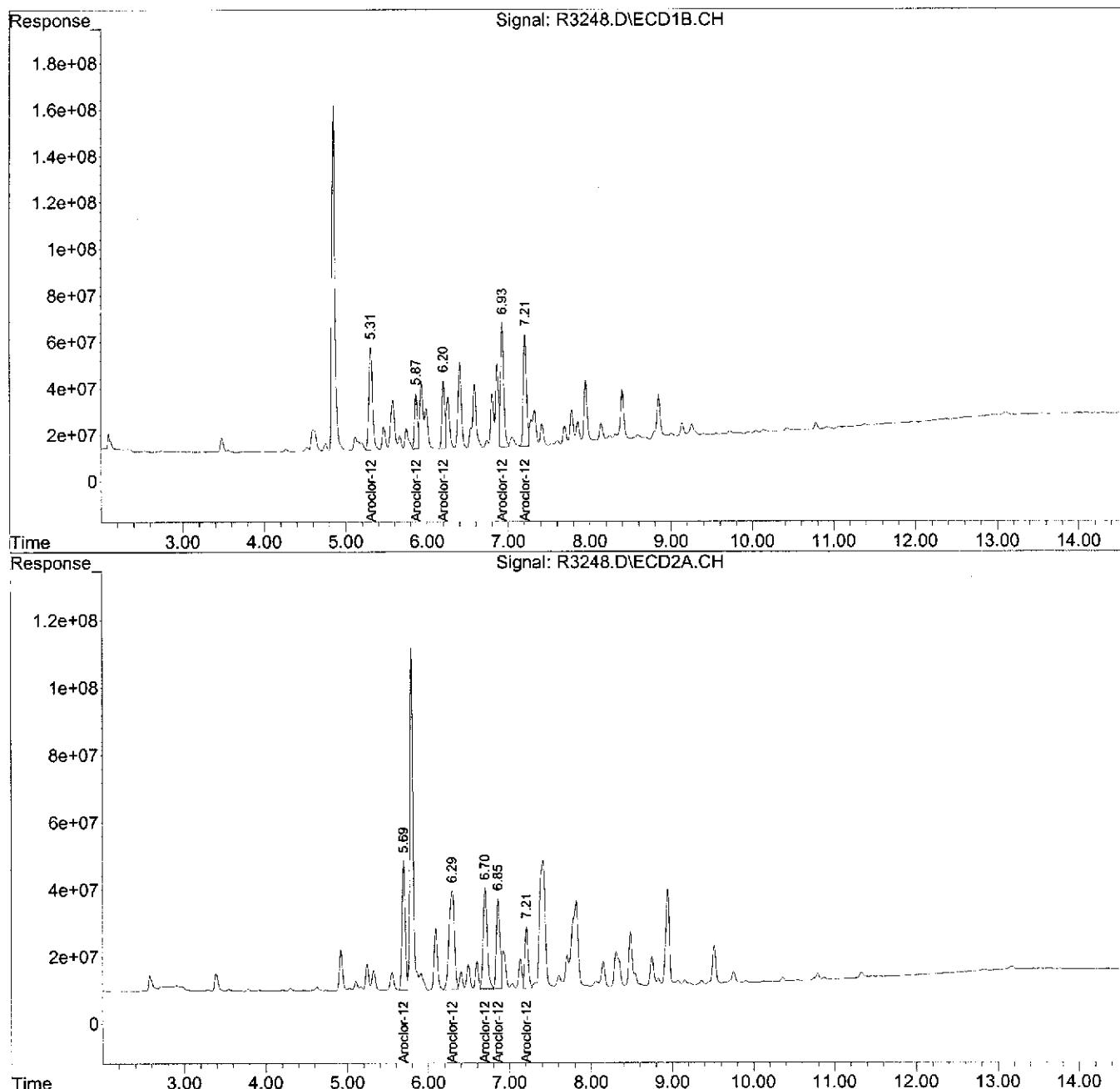
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	1379.1E6	1065.3E6	181.046	190.762
24) L6 Aroclor-1248 {2}	5.87	6.29	598.1E6	1362.4E6	139.427	170.618
25) L6 Aroclor-1248 {3}	6.20	6.70	717.3E6	1047.7E6	130.590	175.552 #
26) L6 Aroclor-1248 {4}	6.93	6.85	1486.6E6	848.6E6	174.476	166.203
27) L6 Aroclor-1248 {5}	7.21	7.21	1356.4E6	537.8E6	189.468	186.231
Sum Aroclor-1248			5537.5E6	4862.0E6	815.008	889.366
Average Aroclor-1248					163.002	177.873
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3248.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 17:13
Operator : YG
Sample : W-13_(0-2.,07988-001,S,5.09g,5.40,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1000
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:03:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
 Data File : R3328.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 21 Aug 2012 2:06
 Operator : YG
 Sample : W-13_(2.0-,07988-002,S,5.13g,17.7,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,100
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 14:52:54 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	823.1E6	744.6E6	108.057	133.328
24) L6 Aroclor-1248 {2}	5.87	6.29	554.2E6	1315.8E6	129.180	164.774 #
25) L6 Aroclor-1248 {3}	6.21	6.70	678.7E6	913.5E6	123.549	153.053
26) L6 Aroclor-1248 {4}	6.93	6.85	1130.0E6	750.2E6	132.629	146.929
27) L6 Aroclor-1248 {5}	7.21	7.21	875.1E6	446.2E6	122.237	154.509 #
Sum Aroclor-1248			4061.0E6	4170.3E6	615.651	752.593
Average Aroclor-1248					123.130	150.519
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

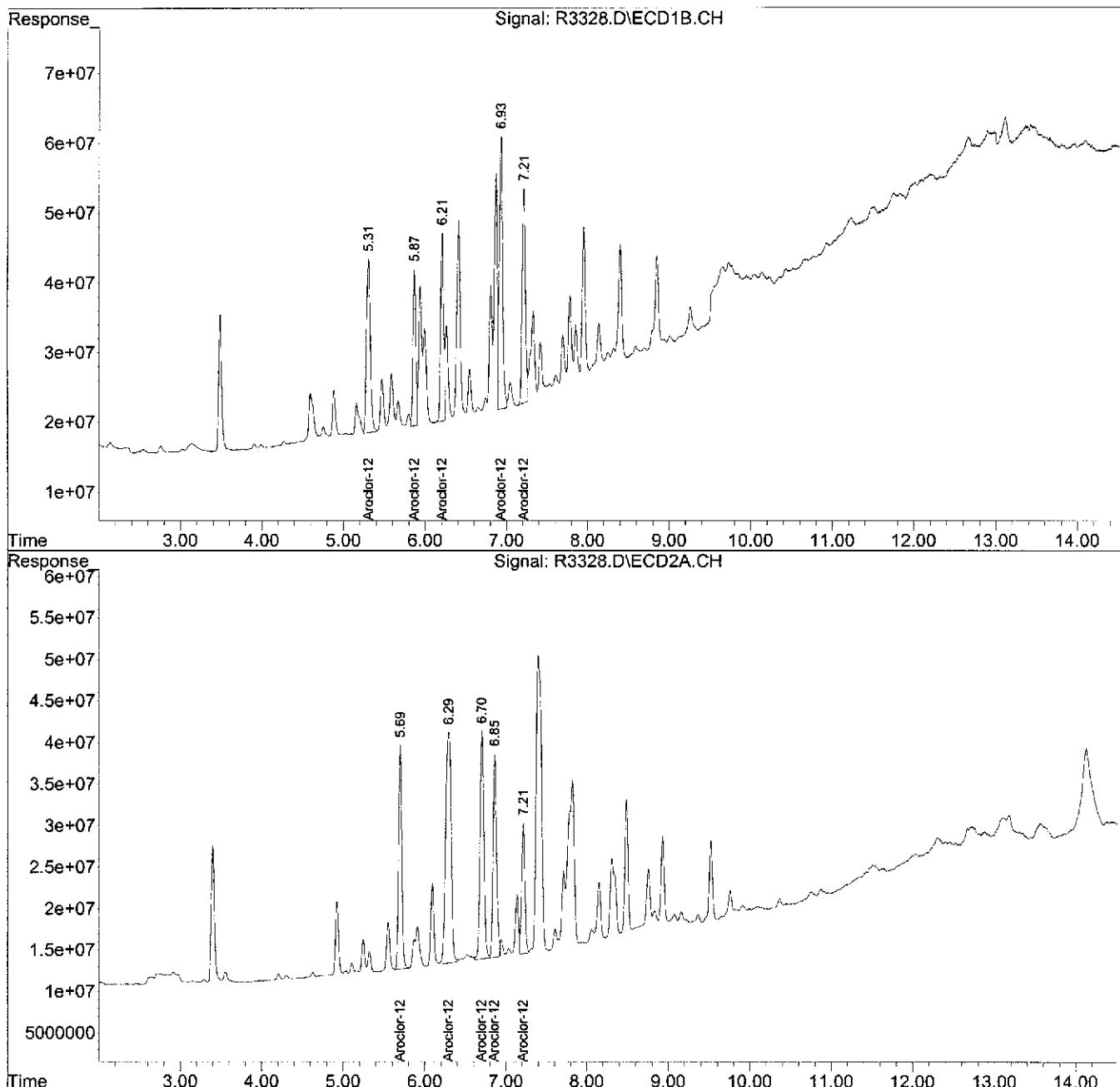
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3328.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 2:06
Operator : YG
Sample : W-13_(2.0-,07988-002,S,5.13g,17.7,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,100
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 14:52:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3250.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 17:48
 Operator : YG
 Sample : W-13_(4.0-,07988-003,S,5.03g,68.7,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:06:23 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1)	S TCMX	3.47	3.38	40748.3E6	33611.8E6	237.160	233.497
	Spiked Amount	200.000		Recovery	=	118.58%	116.75%
2)	S DCB	13.10	13.17	20031.4E6	6179.2E6	343.156	154.263 #
	Spiked Amount	200.000		Recovery	=	171.58%	77.13%
<hr/>							
System Monitoring Compounds							
23)	L6 Aroclor-1248	5.30	5.69	1245.8E6	684.1E6	163.553m	122.499 #
24)	L6 Aroclor-1248 {2}	5.87	6.29	849.6E6	1358.7E6	198.033m	170.152
25)	L6 Aroclor-1248 {3}	6.22	6.70	659.6E6	645.1E6	120.080m	108.084m
26)	L6 Aroclor-1248 {4}	6.92	6.85	627.3E6	393.1E6	73.627m	76.985m
27)	L6 Aroclor-1248 {5}	7.20	7.21	643.2E6	212.6E6	89.844m	73.612m
	Sum Aroclor-1248			4025.5E6	3293.6E6	645.137	551.331
	Average Aroclor-1248					129.027	110.266
<hr/>							
	Sum Aroclor-1254			0	0	N.D.	N.D.
	Average Aroclor-1254					0.000	0.000
<hr/>							
	Sum Aroclor-1260			0	0	N.D.	N.D.
	Average Aroclor-1260					0.000	0.000
<hr/>							
	Sum Aroclor-1262			0	0	N.D.	N.D.
	Average Aroclor-1262					0.000	0.000
<hr/>							
	Sum Aroclor-1268			0	0	N.D.	N.D.
	Average Aroclor-1268					0.000	0.000

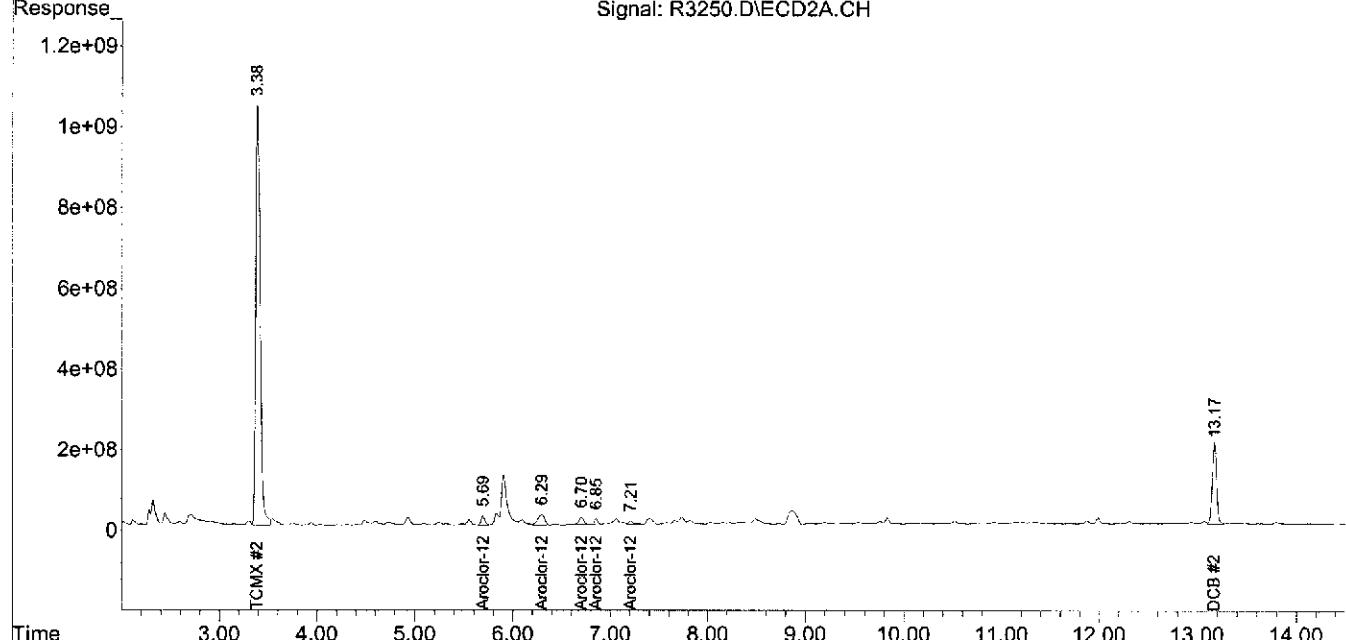
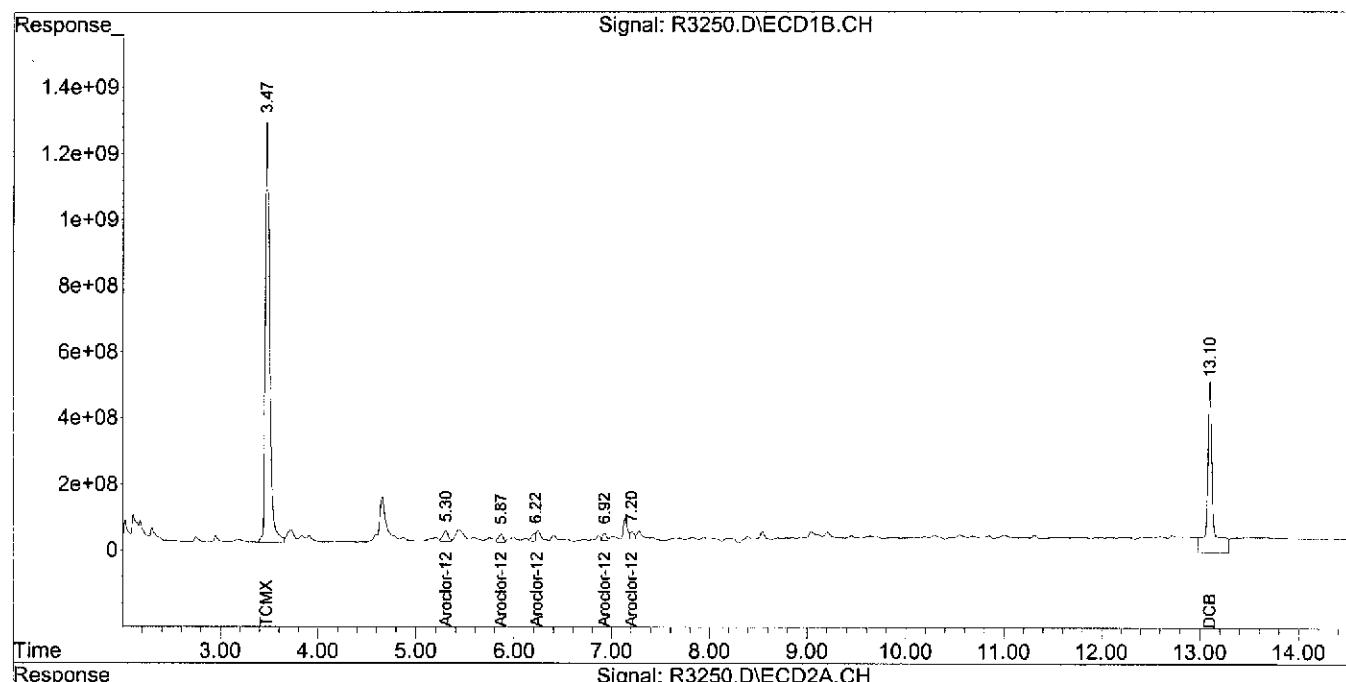
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3250.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 17:48
Operator : YG
Sample : W-13_(4.0-,07988-003,S,5.03g,68.7,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:06:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3251.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 18:06
 Operator : YG
 Sample : W-13_(4.25,07988-004,S,5.17g,20.4,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:06:53 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	45945.6E6	33711.7E6	267.409	234.191
Spiked Amount	200.000			Recovery	=	117.10%
2) S DCB	13.10	13.17	10512.6E6	6278.7E6	180.090	156.749
Spiked Amount	200.000			Recovery	=	78.37%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

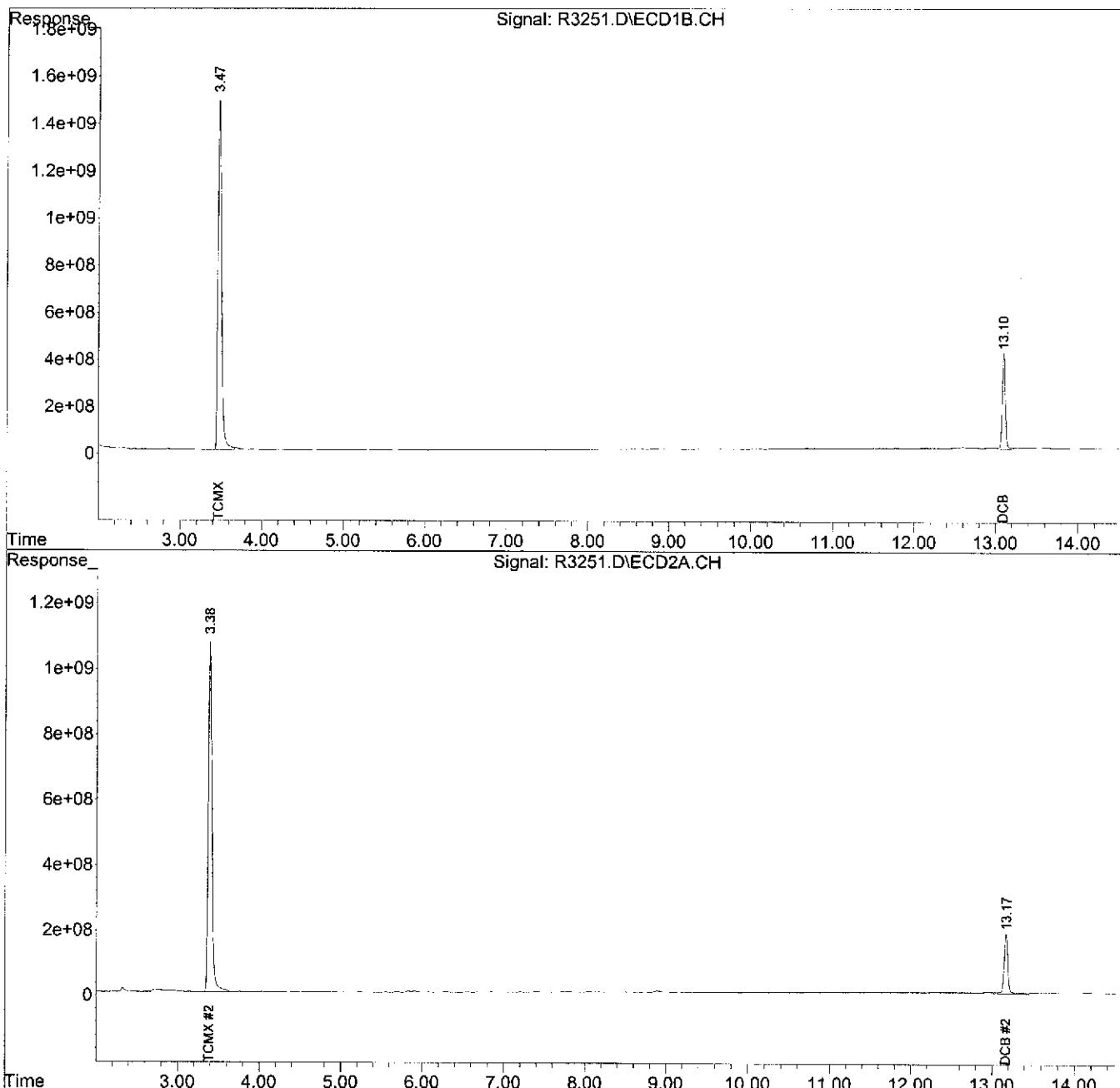
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3251.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 18:06
Operator : YG
Sample : W-13_(4.25,07988-004,S,5.17g,20.4,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:06:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
 Data File : R3329.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 21 Aug 2012 2:24
 Operator : YG
 Sample : W-12_(0-2.,07988-005,S,5.19g,21.4,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1000
 ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 14:59:03 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.88	5.32	4305.6E6	467.8E6	1194.380	269.653
19) L5 Aroclor-1242 {2}	5.87	6.09	1901.1E6	1900.4E6	825.033	646.939
20) L5 Aroclor-1242 {3}	6.21	6.71	1154.2E6	2253.6E6	355.000	573.941
21) L5 Aroclor-1242 {4}	6.93	6.85	3263.0E6	2504.3E6	697.774	758.348
22) L5 Aroclor-1242 {5}	7.21	7.41	1433.8E6	4487.1E6	323.880	1456.382
Sum Aroclor-1242			12057.7E6	11613.3E6	3396.068	3705.264
Average Aroclor-1242					679.214	741.053
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

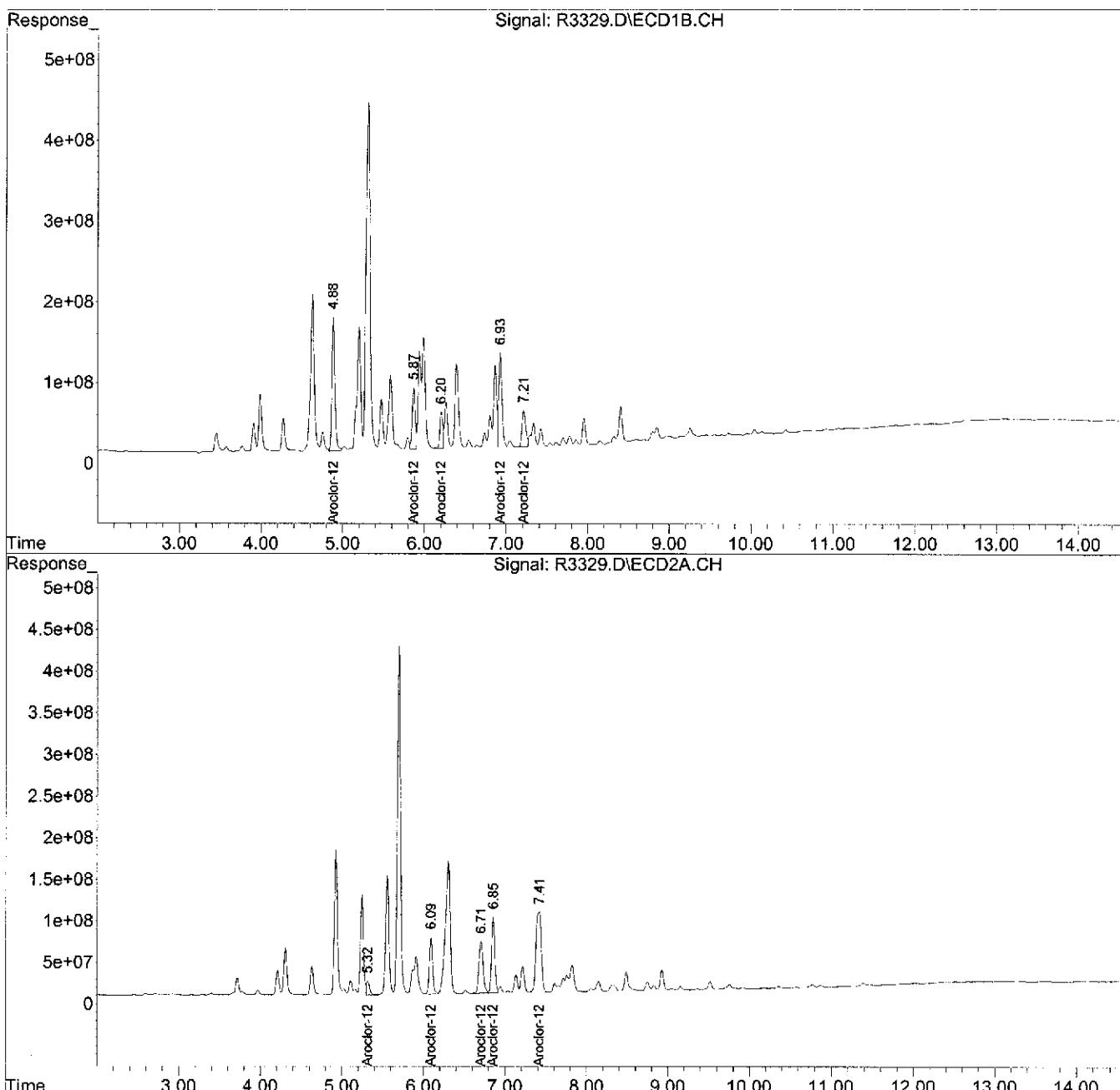
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3329.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 2:24
Operator : YG
Sample : W-12_(0-2.,07988-005,S,5.19g,21.4,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1000
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 14:59:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
 Data File : R3330.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 21 Aug 2012 2:41
 Operator : YG
 Sample : W-12_(2.0-,07988-006,S,5.57g,15.1,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1000
 ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 15:01:21 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.88	5.32	442.2E6	72355238	122.675	41.707 #
19) L5 Aroclor-1242 {2}	5.87	6.09	294.2E6	245.6E6	127.678	83.598 #
20) L5 Aroclor-1242 {3}	6.21	6.70	160.2E6	371.1E6	49.271	94.512 #
21) L5 Aroclor-1242 {4}	6.93	6.85	276.4E6	232.0E6	59.106	70.258
22) L5 Aroclor-1242 {5}	7.21	7.39	168.1E6	478.4E6	37.984	155.259 #
Sum Aroclor-1242			1341.2E6	1399.4E6	396.714	445.333
Average Aroclor-1242					79.343	89.067
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

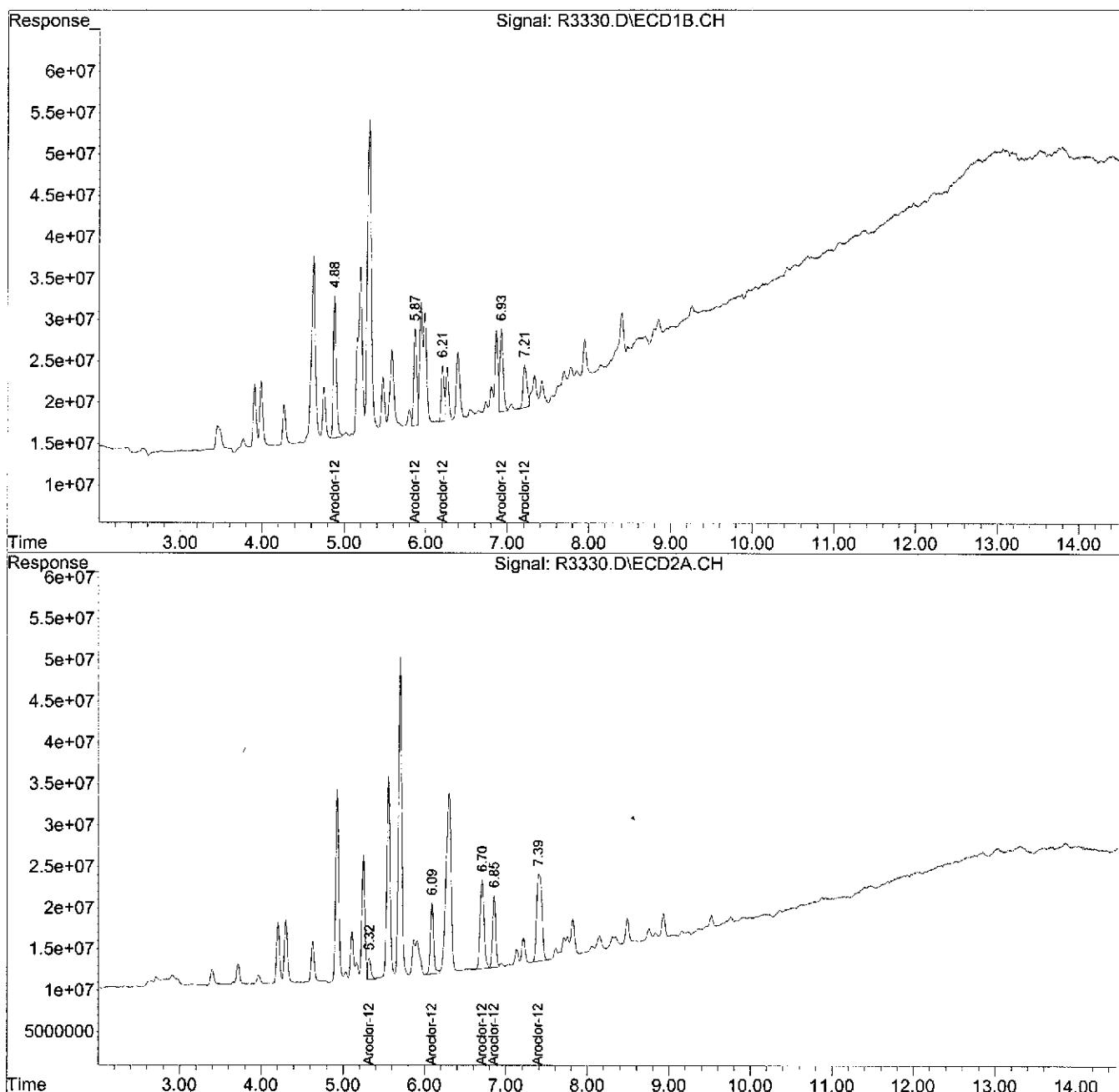
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3330.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 2:41
Operator : YG
Sample : W-12_(2.0-,07988-006,S,5.57g,15.1,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1000
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:01:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3254.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 18:58
 Operator : YG
 Sample : W-12_(3.25,07988-007,S,5.09g,39.0,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:09:00 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	42533.5E6	34102.2E6	247.550	236.903
Spiked Amount	200.000			Recovery	= 123.78%	118.45%
2) S DCB	13.10	13.17	9833.4E6	6073.3E6	168.454	151.620
Spiked Amount	200.000			Recovery	= 84.23%	75.81%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.88	5.31	1798.4E6	183.3E6	498.873	105.668 #
19) L5 Aroclor-1242 {2}	5.86	6.09	823.3E6	896.0E6	357.270	305.029
20) L5 Aroclor-1242 {3}	6.20	6.70	482.2E6	1007.0E6	148.302	256.449 #
21) L5 Aroclor-1242 {4}	6.92	6.85	905.5E6	943.9E6	193.631	285.820 #
22) L5 Aroclor-1242 {5}	7.20	7.39	717.6E6	1396.3E6	162.093	453.206 #
Sum Aroclor-1242			4726.8E6	4426.5E6	1360.169	1406.171
Average Aroclor-1242					272.034	281.234
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

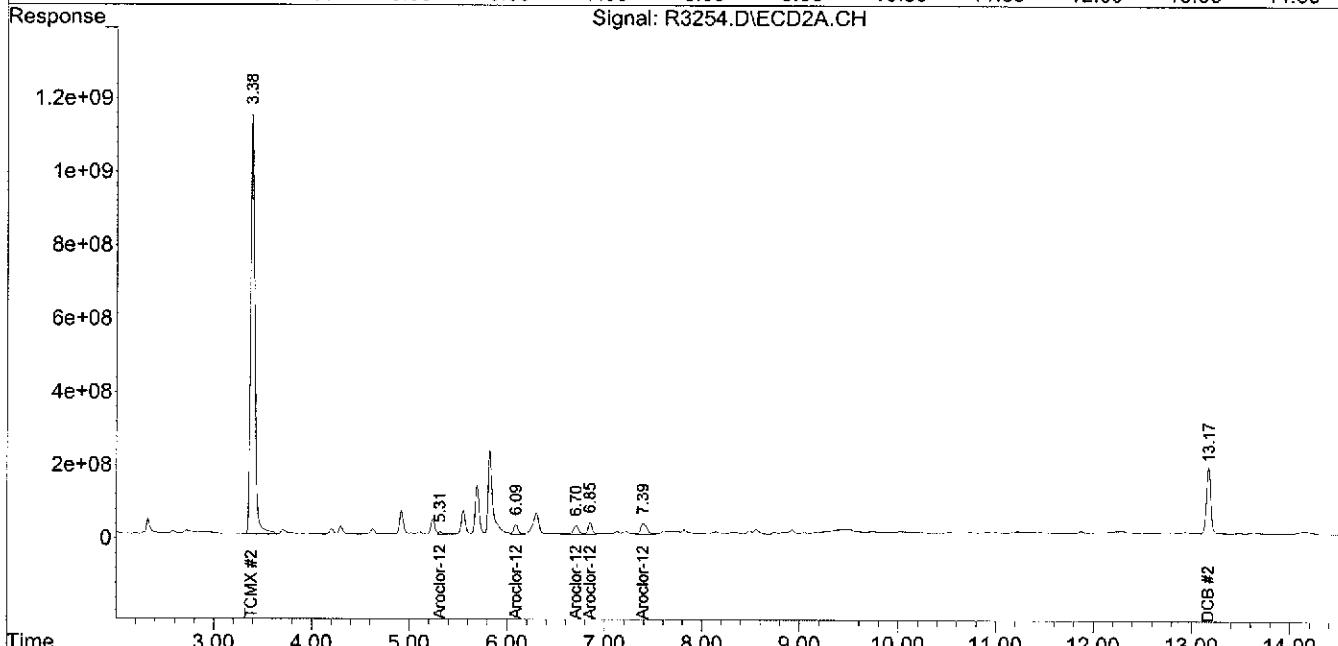
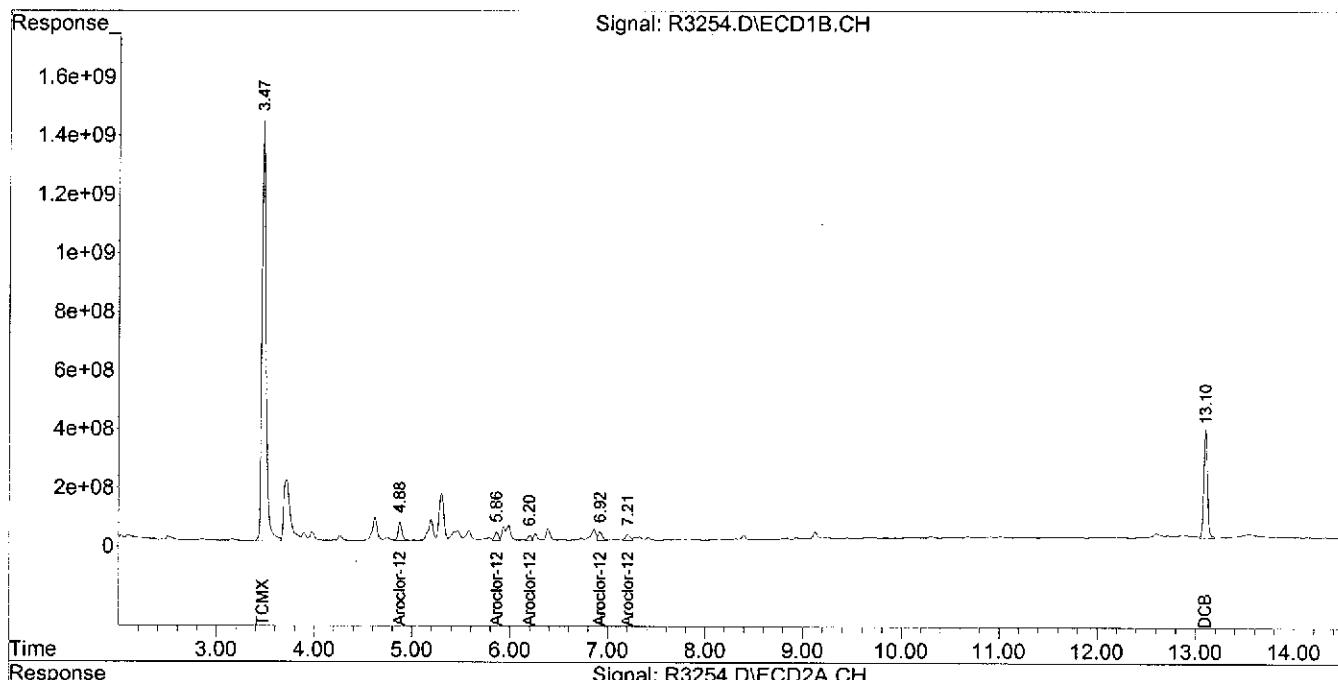
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3254.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 18:58
Operator : YG
Sample : W-12 (3.25,07988-007,S,5.09g,39.0,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:09:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3255.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 19:15
 Operator : YG
 Sample : W-12_(4.0-,07988-008,S,5.27g,20.7,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:10:47 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
	System Monitoring Compounds						
1) S	TCMX	3.47	3.38	25276.7E6	31019.0E6	147.114	215.484 #
	Spiked Amount	200.000			Recovery =	73.56%	107.74%
2) S	DCB	13.10	13.17	9177.9E6	6543.9E6	157.225	163.369
	Spiked Amount	200.000			Recovery =	78.61%	81.68%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
	Average Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
	Average Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
	Average Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
	Average Aroclor-1268					0.000	0.000
<hr/>							

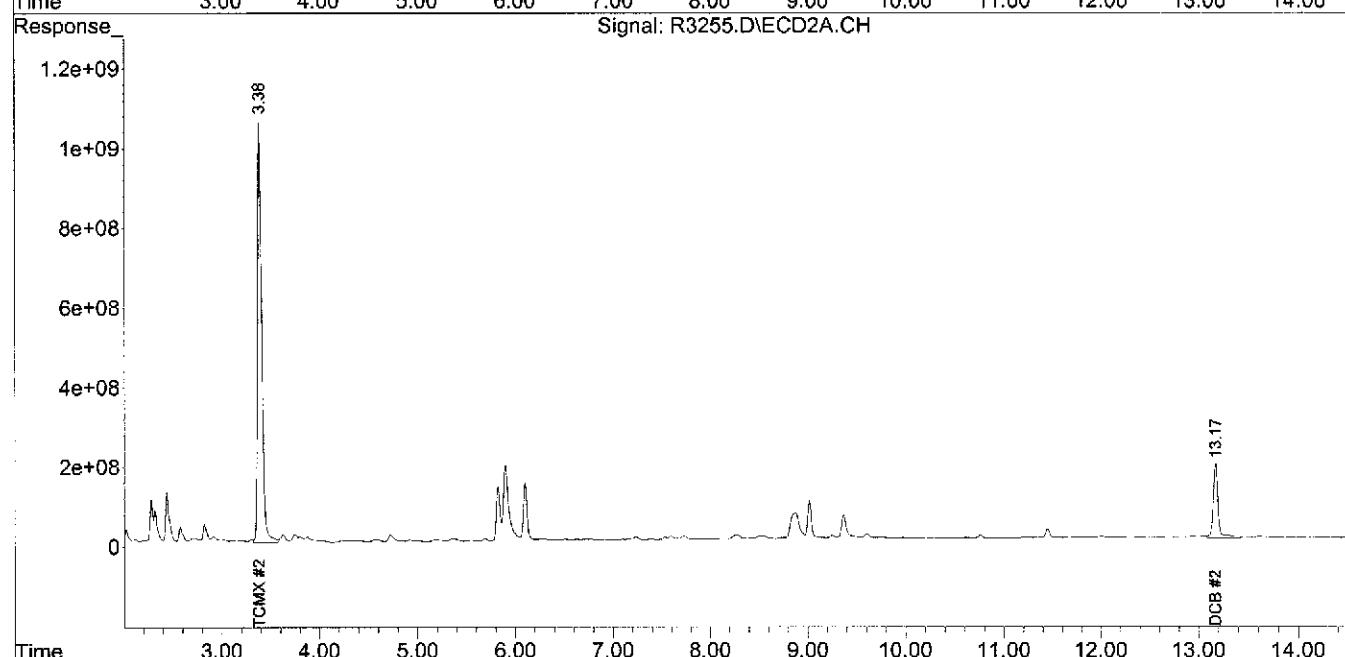
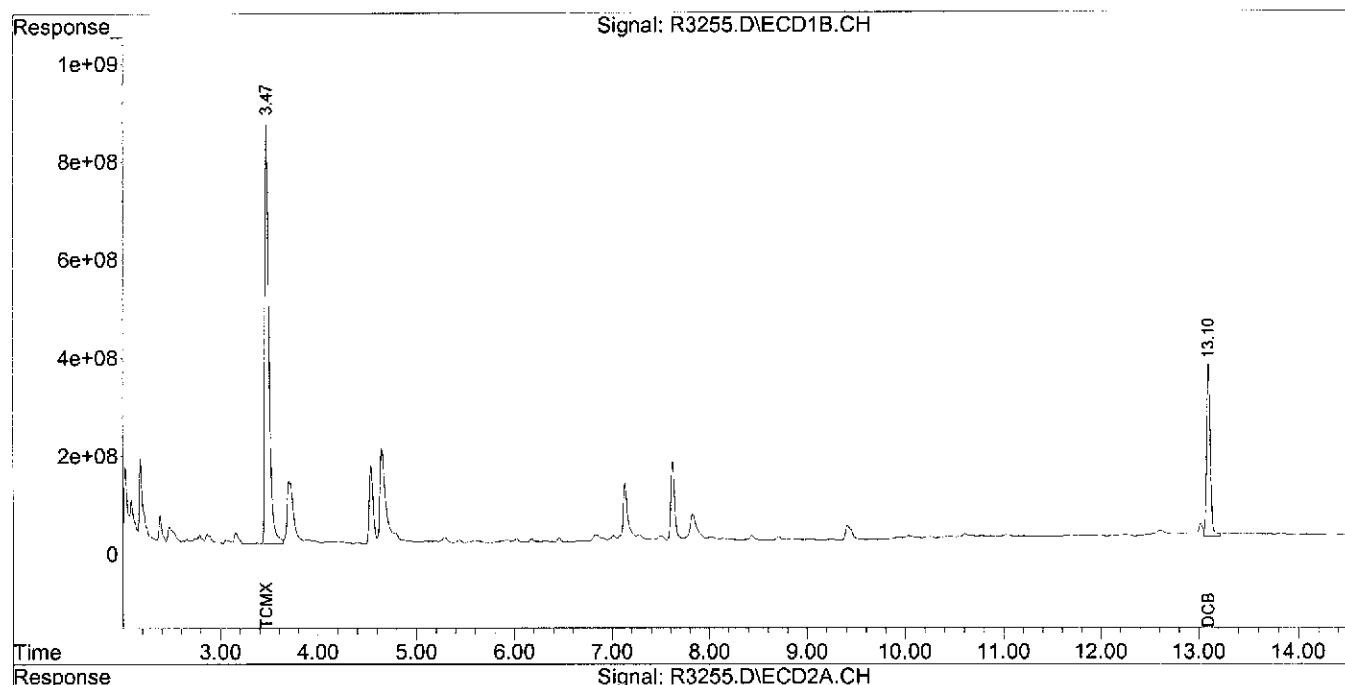
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3255.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 19:15
Operator : YG
Sample : W-12_(4.0-,07988-008,S,5.27g,20.7,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:10:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
 Data File : R3331.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 21 Aug 2012 2:58
 Operator : YG
 Sample : S-30_(0-2.,07988-009,S,5.48g,14.5,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 15:05:35 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.47	3.38	34041.0E6	32238.5E6	198.123	223.956
	Spiked Amount	200.000			Recovery	= 99.06%	111.98%
<hr/>							
2) S	DCB	13.10	13.17	7822.0E6	4290.0E6	133.998	107.100
	Spiked Amount	200.000			Recovery	= 67.00%	53.55%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248						0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254						0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260						0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000
<hr/>							

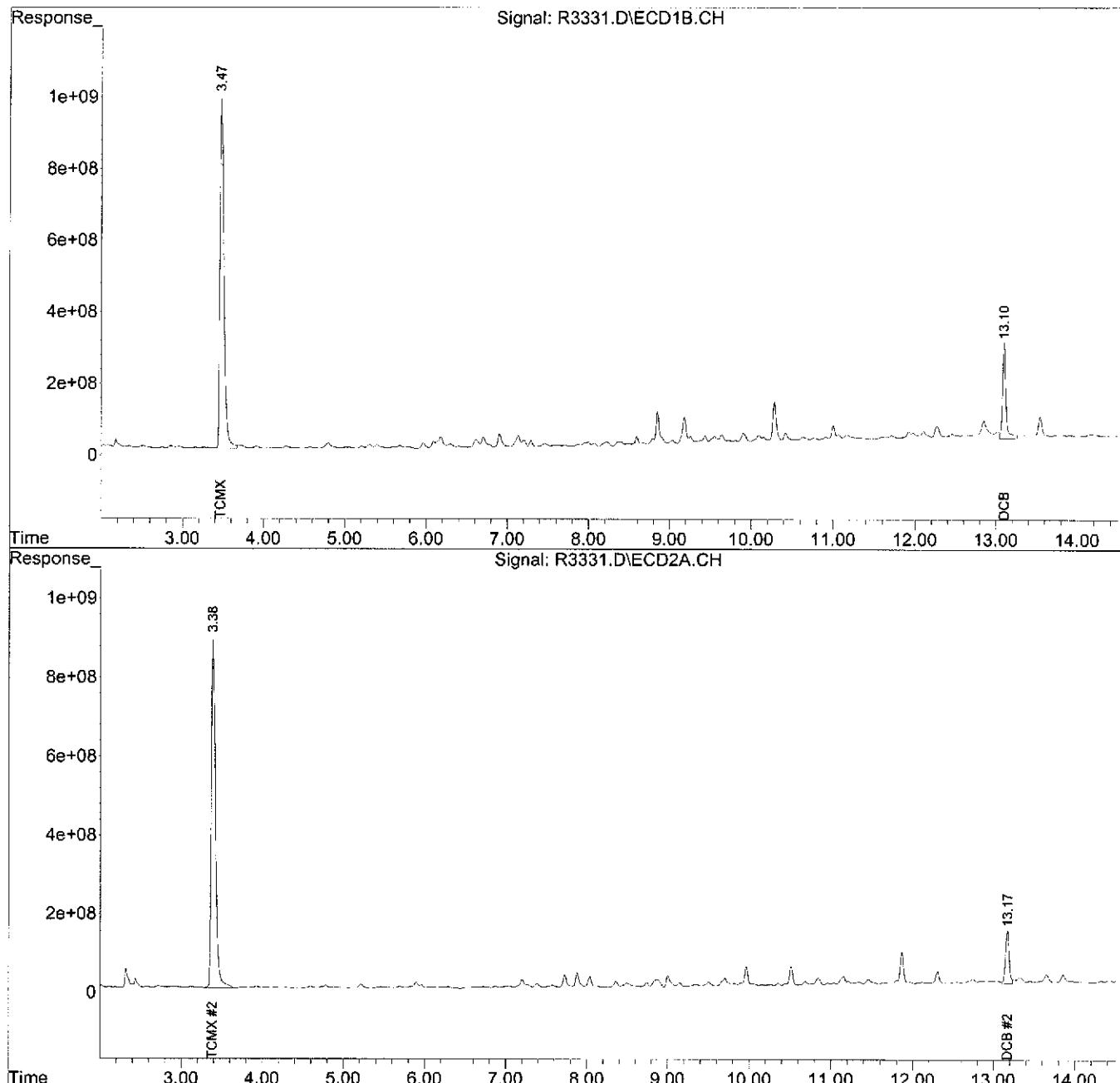
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3331.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 2:58
Operator : YG
Sample : S-30_(0-2.,07988-009,S,5.48g,14.5,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:05:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3257.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 19:50
 Operator : YG
 Sample : S-30_(2.0-,07988-010,S,5.17g,24.1,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:11:37 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	23738.3E6	23471.6E6	138.160	163.054
Spiked Amount	200.000			Recovery	=	69.08%
2) S DCB	13.10	13.17	6733.0E6	3351.7E6	115.342	83.677 #
Spiked Amount	200.000			Recovery	=	57.67%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

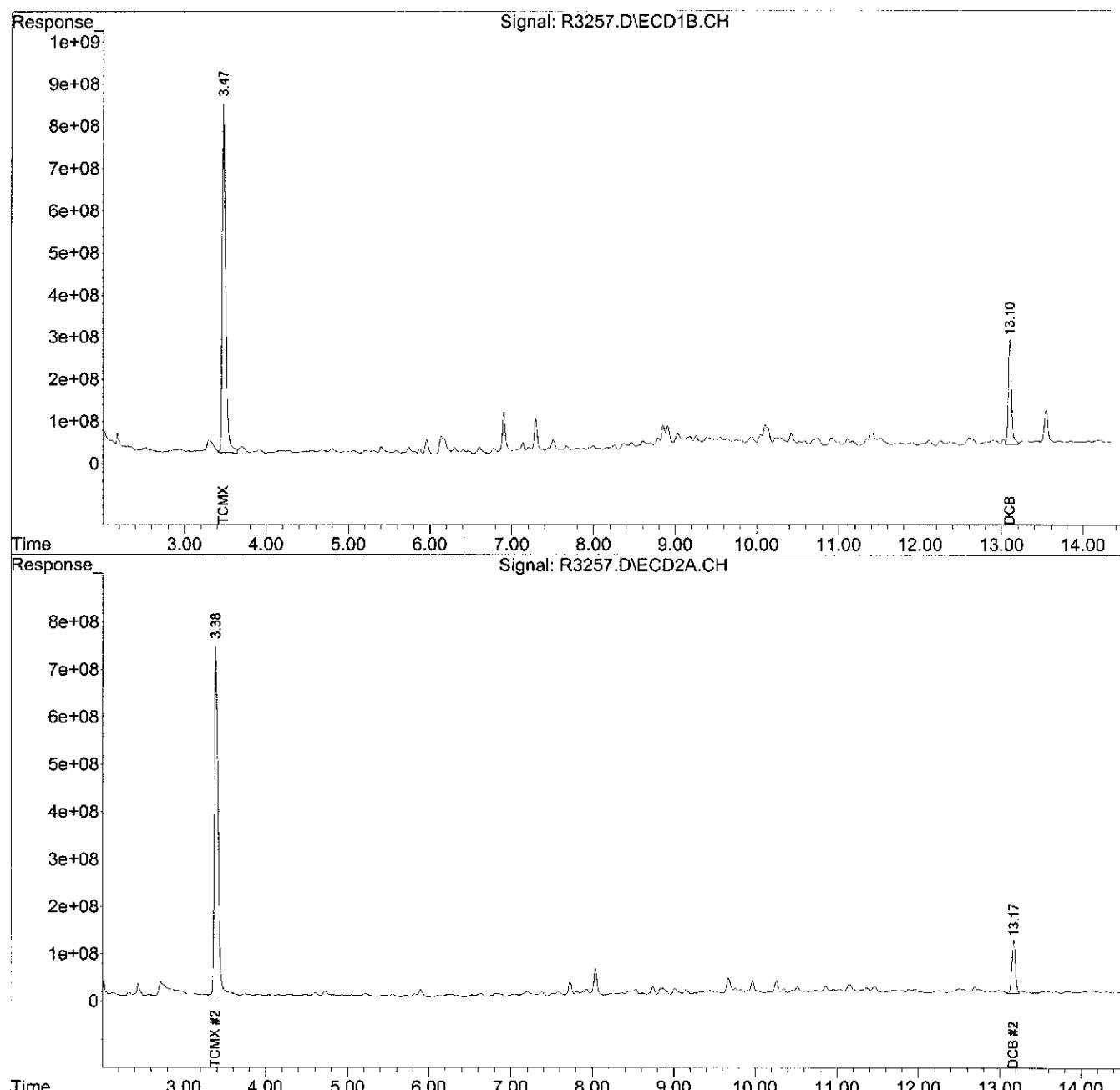
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3257.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 19:50
Operator : YG
Sample : S-30_(2.0-,07988-010,S,5.17g,24.1,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:11:37 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3258.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 20:08
 Operator : YG
 Sample : S-30_(3.0-,07988-011,S,5.53g,70.7,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:12:15 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	31663.6E6	31550.3E6	184.286	219.175
Spiked Amount	200.000				Recovery =	92.14% 109.59%
2) S DCB	13.10	13.17	8132.0E6	5106.2E6	139.309	127.478
Spiked Amount	200.000				Recovery =	69.65% 63.74%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

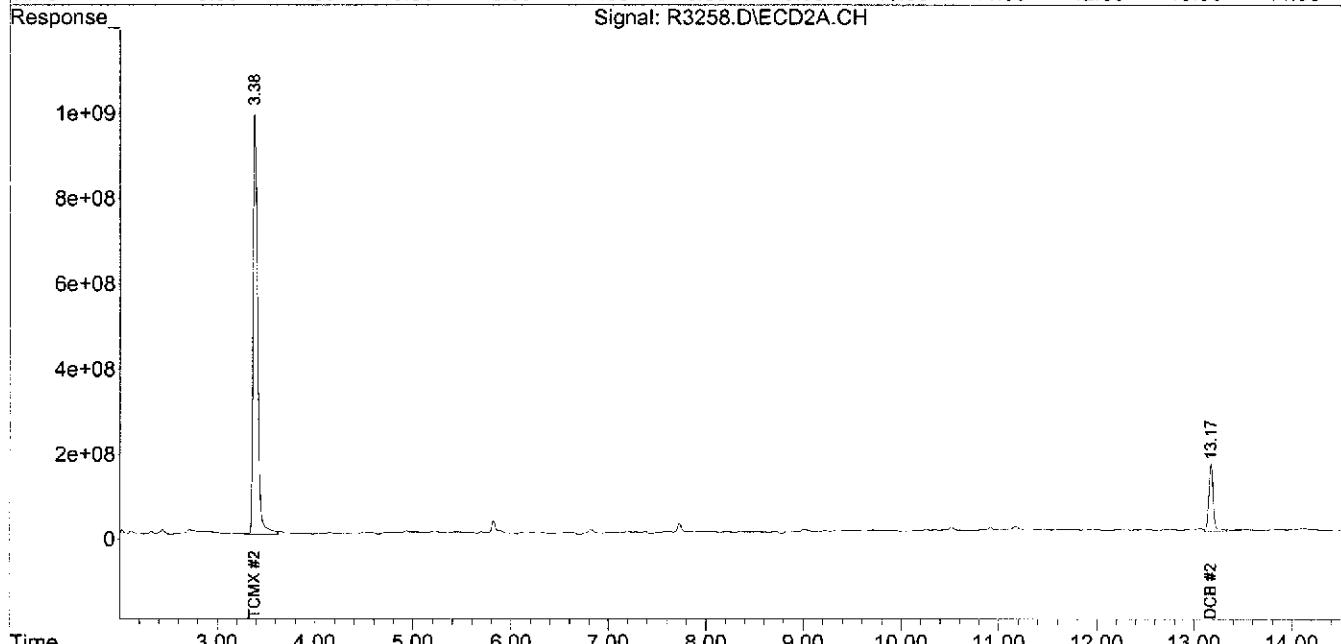
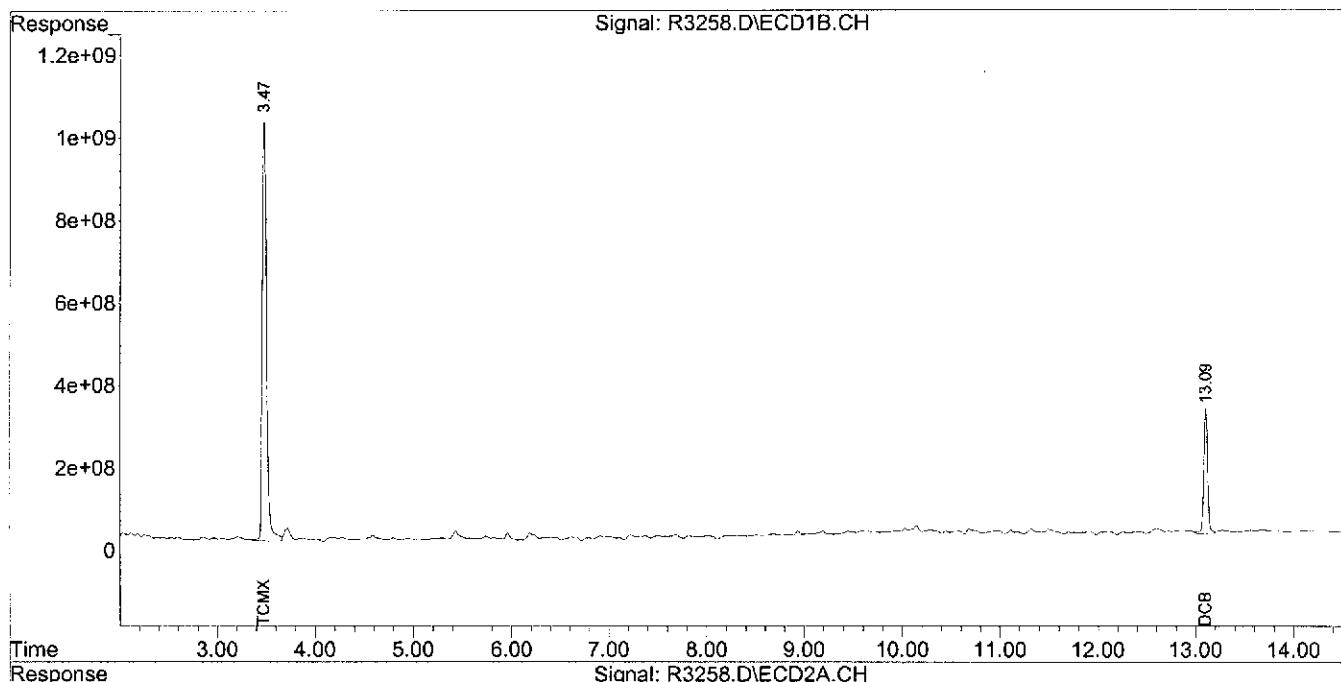
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3258.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 20:08
Operator : YG
Sample : S-30_(3.0-,07988-011,S,5.53g,70.7,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:12:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3259.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 20:25
 Operator : YG
 Sample : S-30_(4.0-,07988-012,S,5.51g,20.9,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:12:35 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :

Signal #2 Phase:
 Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	38912.2E6	32430.0E6	226.474	225.287
Spiked Amount	200.000			Recovery	= 113.24%	112.64%
2) S DCB	13.10	13.17	6906.8E6	5455.1E6	118.320	136.187
Spiked Amount	200.000			Recovery	= 59.16%	68.09%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

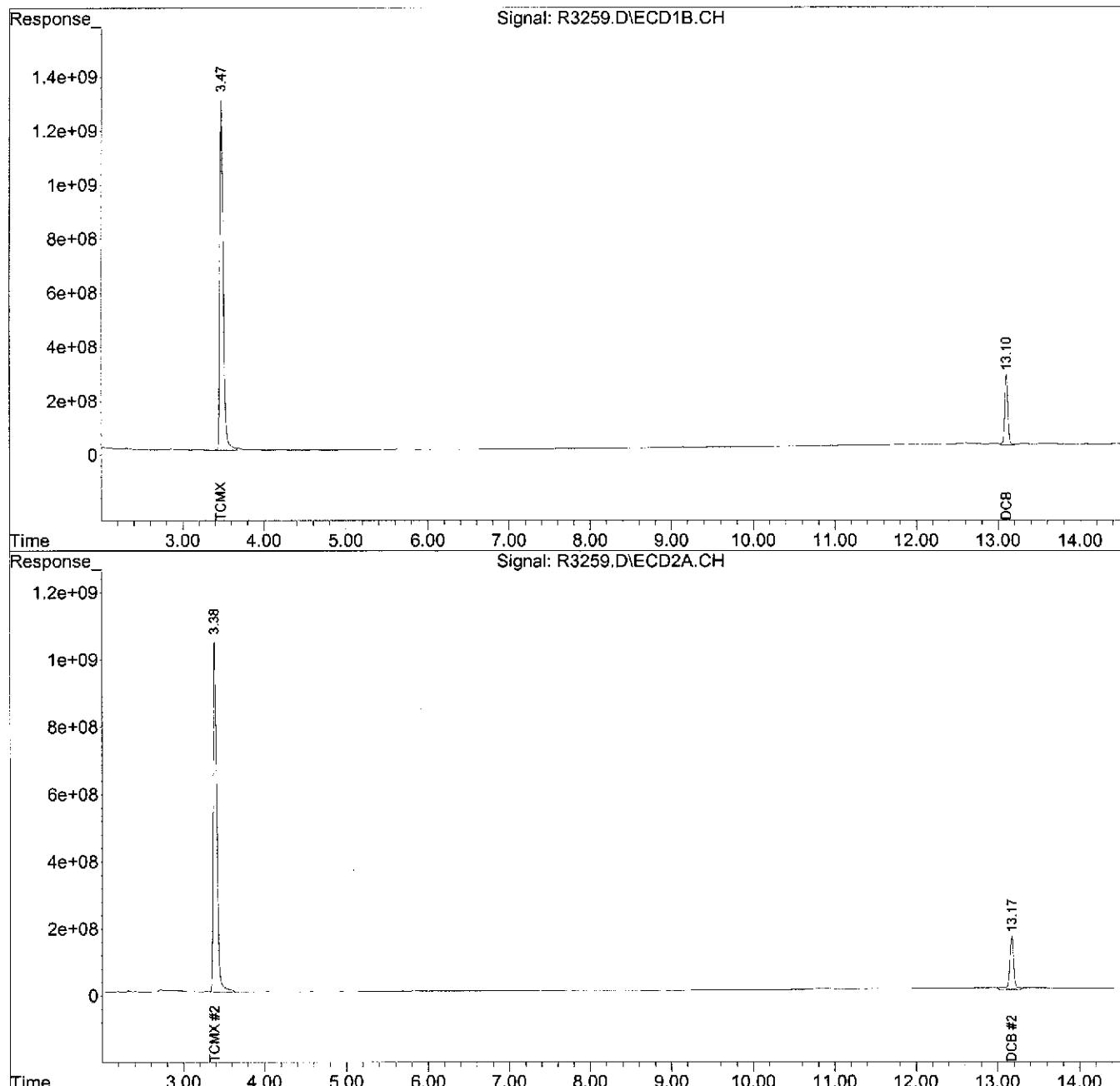
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3259.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 20:25
Operator : YG
Sample : S-30_(4.0-,07988-012,S,5.51g,20.9,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:12:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
 Data File : R3332.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 21 Aug 2012 3:16
 Operator : YG
 Sample : T-31_(0-2.,07988-013,S,5.33g,18.1,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,10
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 16:55:48 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :

Signal #2 Phase:
 Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.48	3.39	4660.4E6	3973.0E6	27.124	27.600
Spiked Amount	200.000		Recovery	=	13.56%	13.80%
2) S DCB	13.10	13.17	697.2E6	509.5E6	11.943m	12.721m
Spiked Amount	200.000		Recovery	=	5.97%	6.36%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.74	9966.0E6	3834.7E6	710.837	607.185
34) L8 Aroclor-1260 {2}	9.94	9.15	5480.2E6	4913.6E6	739.044	673.235
35) L8 Aroclor-1260 {3}	10.42	10.35	15680.3E6	3607.9E6	626.997	715.850
36) L8 Aroclor-1260 {4}	10.91	10.86	5210.0E6	7802.4E6	501.323	777.971 #
37) L8 Aroclor-1260 {5}	11.99	11.46	2713.0E6	4967.8E6	584.413	611.570
Sum Aroclor-1260			39049.5E6	25126.4E6	3162.614	3385.811
Average Aroclor-1260					632.523	677.162
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

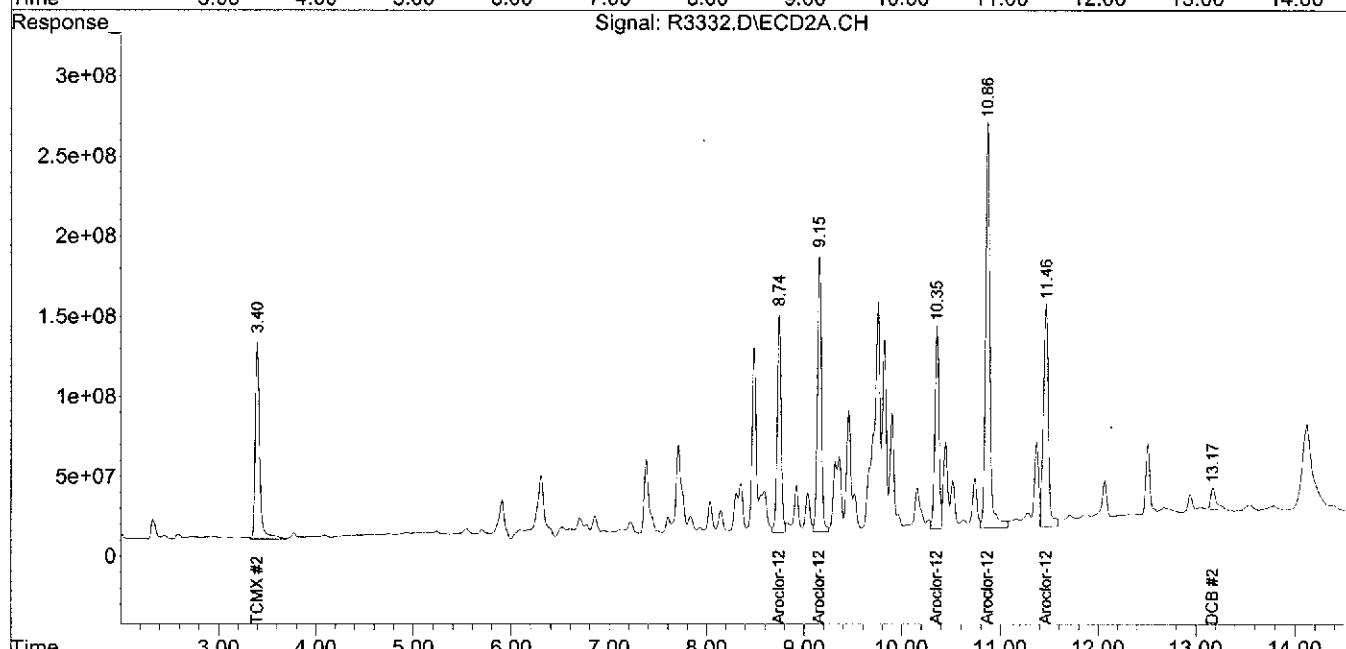
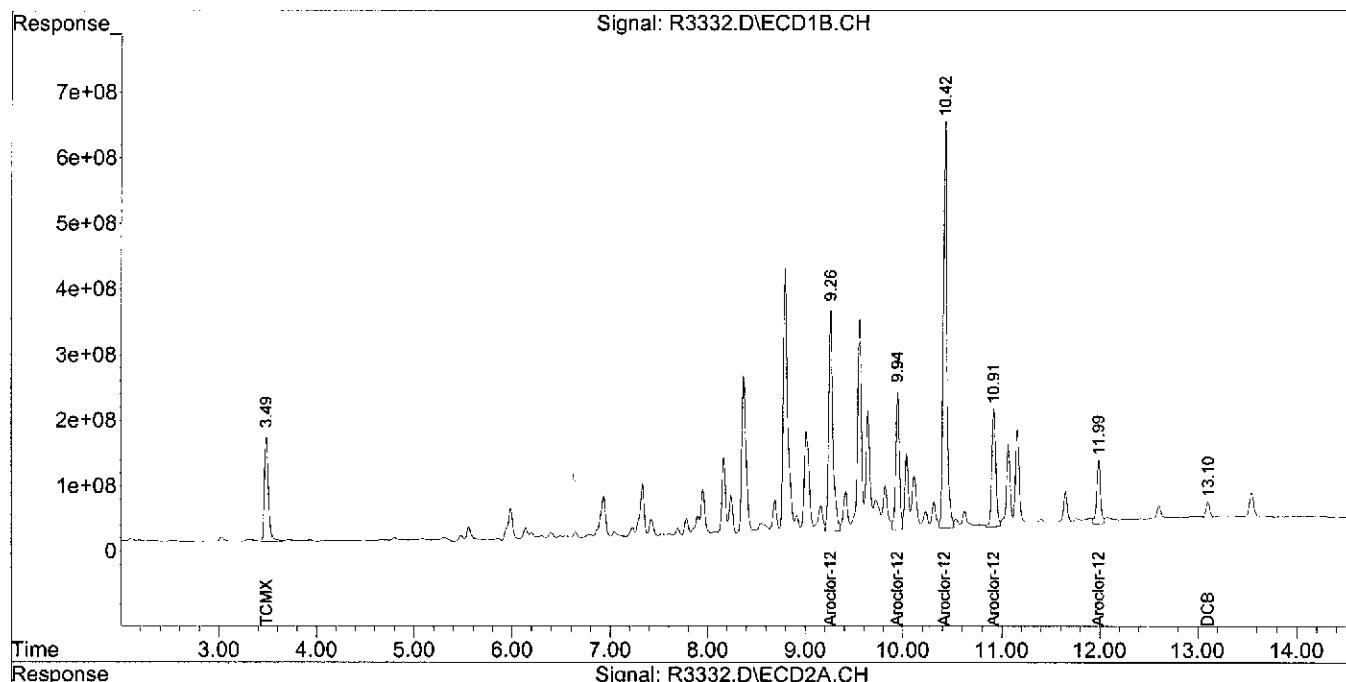
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3332.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 3:16
Operator : YG
Sample : T-31_(0-2.,07988-013,S,5.33g,18.1,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,10
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:55:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3261.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 21:00
 Operator : YG
 Sample : T-31_(2.0-,07988-014,S,5.22g,17.0,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:13:10 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	34235.6E6	30939.6E6	199.255	214.933
Spiked Amount	200.000			Recovery	=	99.63% 107.47%
2) S DCB	13.10	13.17	8539.4E6	6806.0E6	146.287	169.913
Spiked Amount	200.000			Recovery	=	73.14% 84.96%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

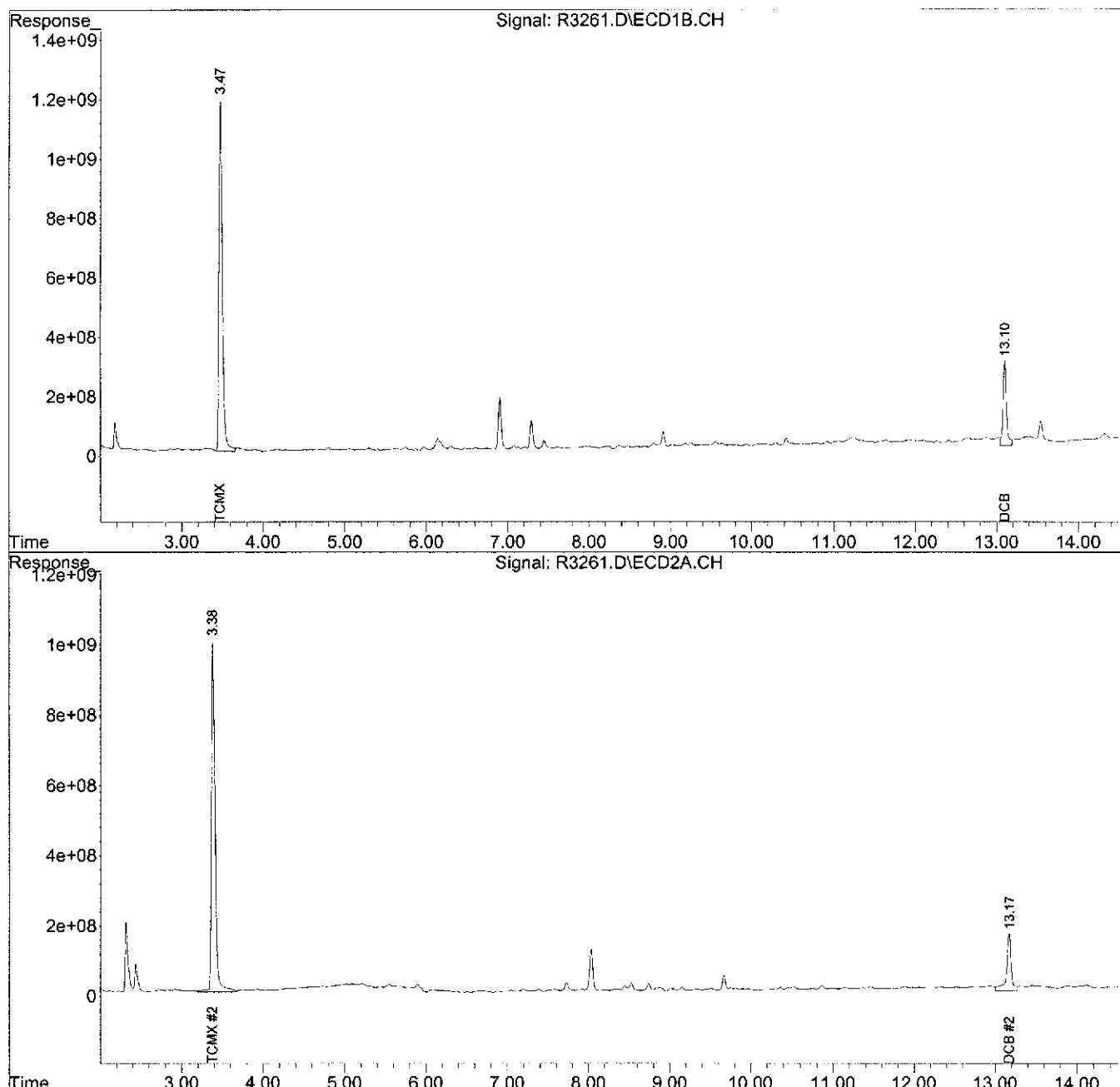
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3261.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 21:00
Operator : YG
Sample : T-31_(2.0-,07988-014,S,5.22g,17.0,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:13:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3262.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 21:18
 Operator : YG
 Sample : T-31_(3.0-,07988-015,S,5.06g,68.1,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:13:39 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :

Signal #2 Phase:
 Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1)	S TCMX	3.47	3.38	36327.0E6	33538.2E6	211.428	232.985
	Spiked Amount	200.000			Recovery	= 105.71%	116.49%
2)	S DCB	13.10	13.17	9604.6E6	5415.1E6	164.536	135.188
	Spiked Amount	200.000			Recovery	= 82.27%	67.59%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

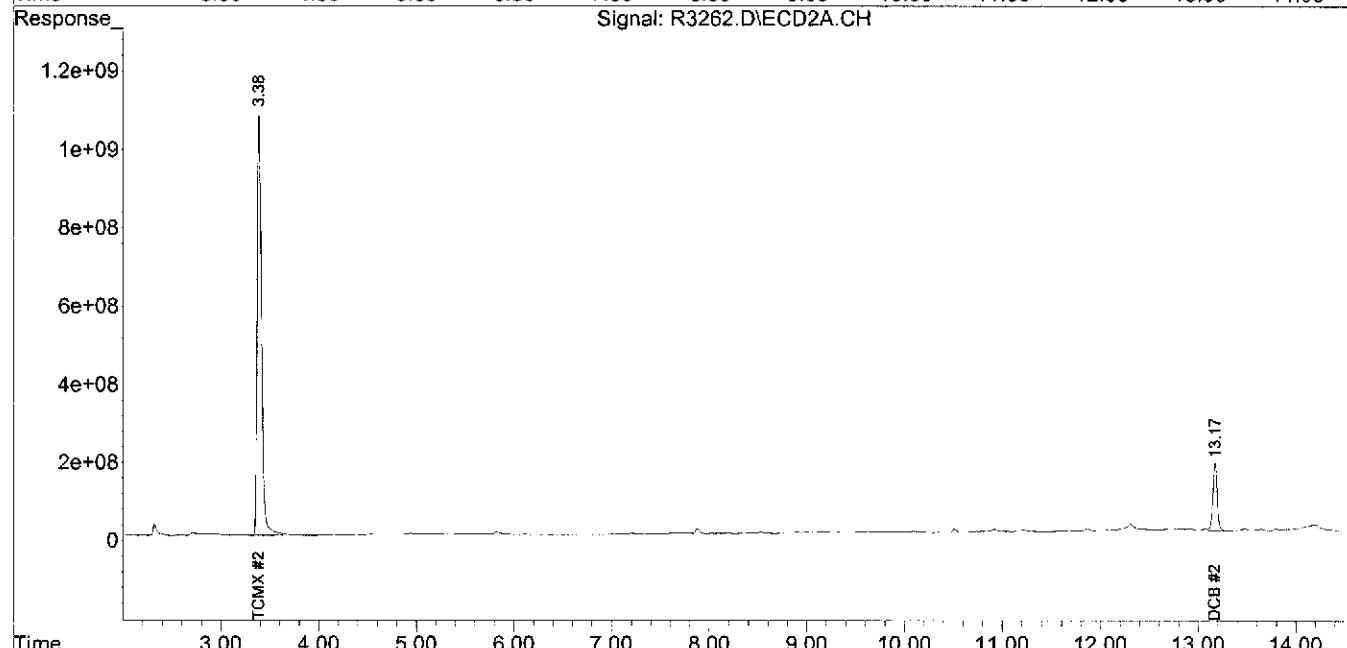
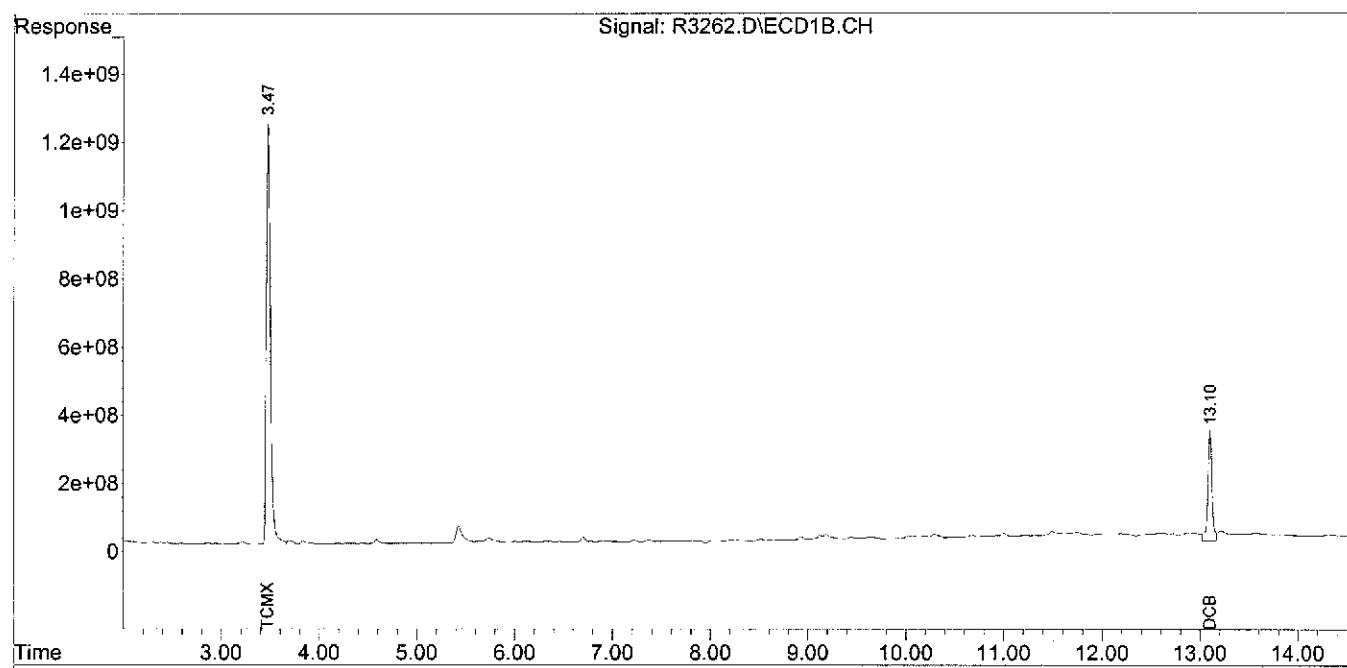
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3262.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 21:18
Operator : YG
Sample : T-31_(3.0-,07988-015,S,5.06g,68.1,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:13:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3263.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 21:35
 Operator : YG
 Sample : T-31_(4.5-,07988-016,S,5.14g,21.4,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:14:00 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	3.47	3.38	41000.0E6	34097.1E6	238.625	236.868
	Spiked Amount	200.000			Recovery	= 119.31%	118.43%
2) S	DCB	13.10	13.17	7691.3E6	5216.7E6	131.758	130.234
	Spiked Amount	200.000			Recovery	= 65.88%	65.12%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
	Average Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
	Average Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
	Average Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
	Average Aroclor-1268					0.000	0.000
<hr/>							

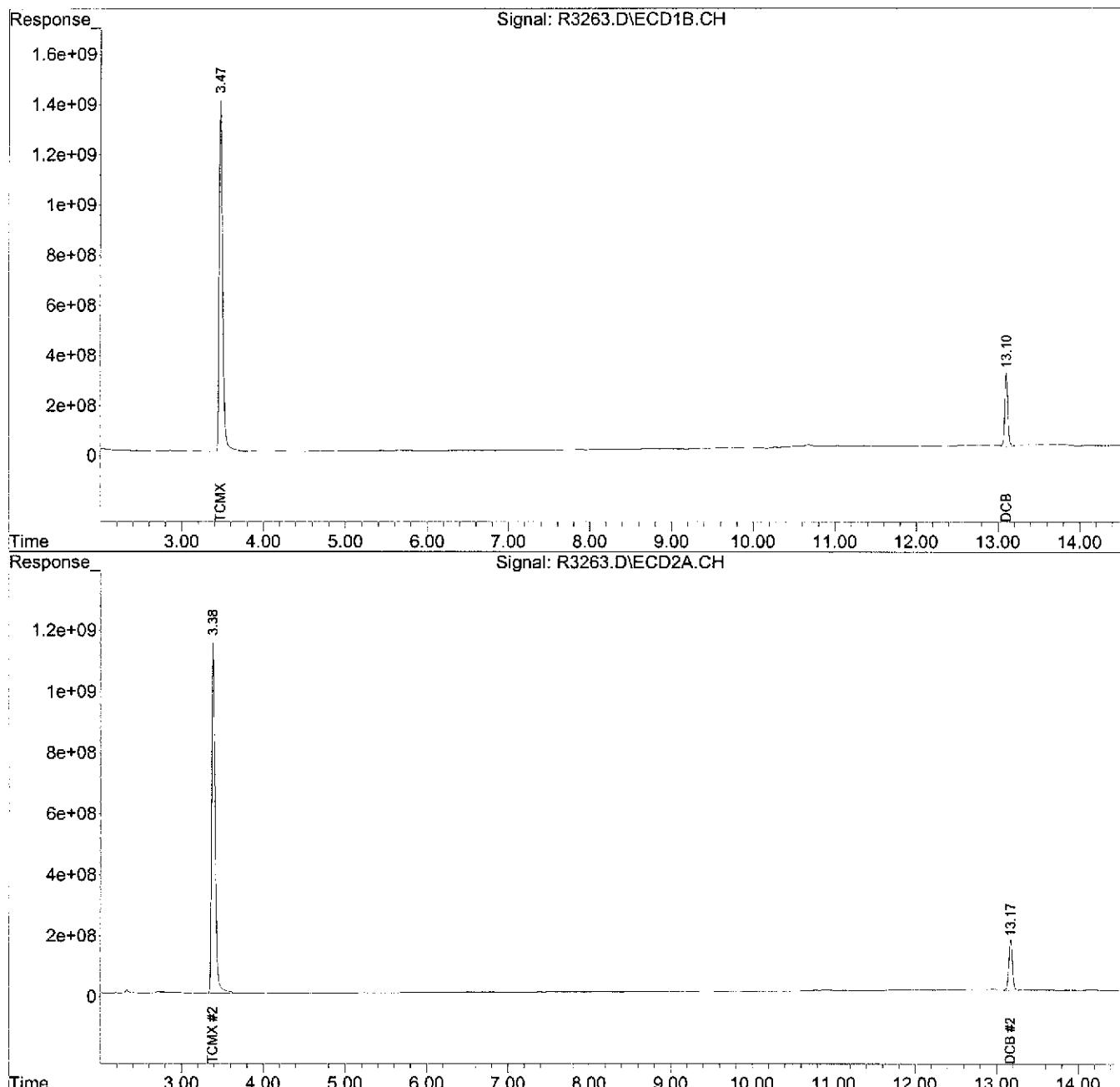
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3263.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 21:35
Operator : YG
Sample : T-31_(4.5-,07988-016,S,5.14g,21.4,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:14:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3264.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 21:52
 Operator : YG
 Sample : U-26 (0-2.,07988-017,S,5.35g,21.2,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,10
 ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:25:22 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.48	3.39	5260.0E6	4140.6E6	30.614	28.764
Spiked Amount	200.000				Recovery =	15.31% 14.38%
2) S DCB	13.10	13.17	971.6E6	659.0E6	16.645m	16.452
Spiked Amount	200.000				Recovery =	8.32% 8.23%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.71	2013.9E6	923.9E6	202.710	169.792
29) L7 Aroclor-1254 {2}	7.78	8.30	754.2E6	490.0E6	118.631	81.973 #
30) L7 Aroclor-1254 {3}	7.95	8.74	1712.7E6	1600.8E6	144.577	417.012 #
31) L7 Aroclor-1254 {4}	8.37	8.92	3361.4E6	1035.6E6	243.425	180.892 #
32) L7 Aroclor-1254 {5}	9.26	9.75	3606.0E6	2348.0E6	312.538	295.087
Sum Aroclor-1254			11448.2E6	6398.4E6	1021.882	1144.756
Average Aroclor-1254					204.376	228.951
33) L8 Aroclor-1260	9.26	8.74	3606.0E6	1600.8E6	257.206	253.472
34) L8 Aroclor-1260 {2}	9.94	9.15	1855.5E6	1962.1E6	250.221m	268.837
35) L8 Aroclor-1260 {3}	10.42	10.35	6210.2E6	1485.0E6	248.321m	294.642
36) L8 Aroclor-1260 {4}	10.91	10.86	2190.7E6	3291.4E6	210.797m	328.187 #
37) L8 Aroclor-1260 {5}	11.98	11.46	1865.2E6	2237.7E6	401.787	275.476 #
Sum Aroclor-1260			15727.6E6	10577.1E6	1368.332	1420.615
Average Aroclor-1260					273.666	284.123
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3264.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 21:52
Operator : YG
Sample : U-26_(0-2.,07988-017,S,5.35g,21.2,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,10
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:25:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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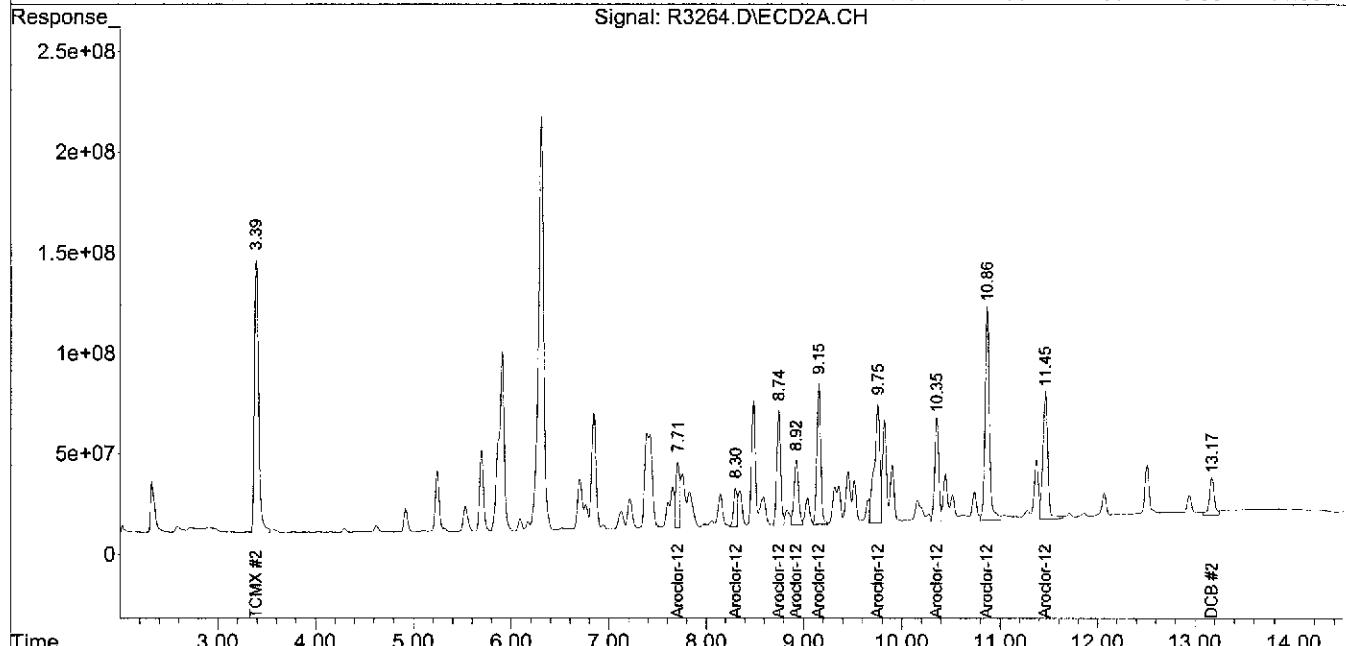
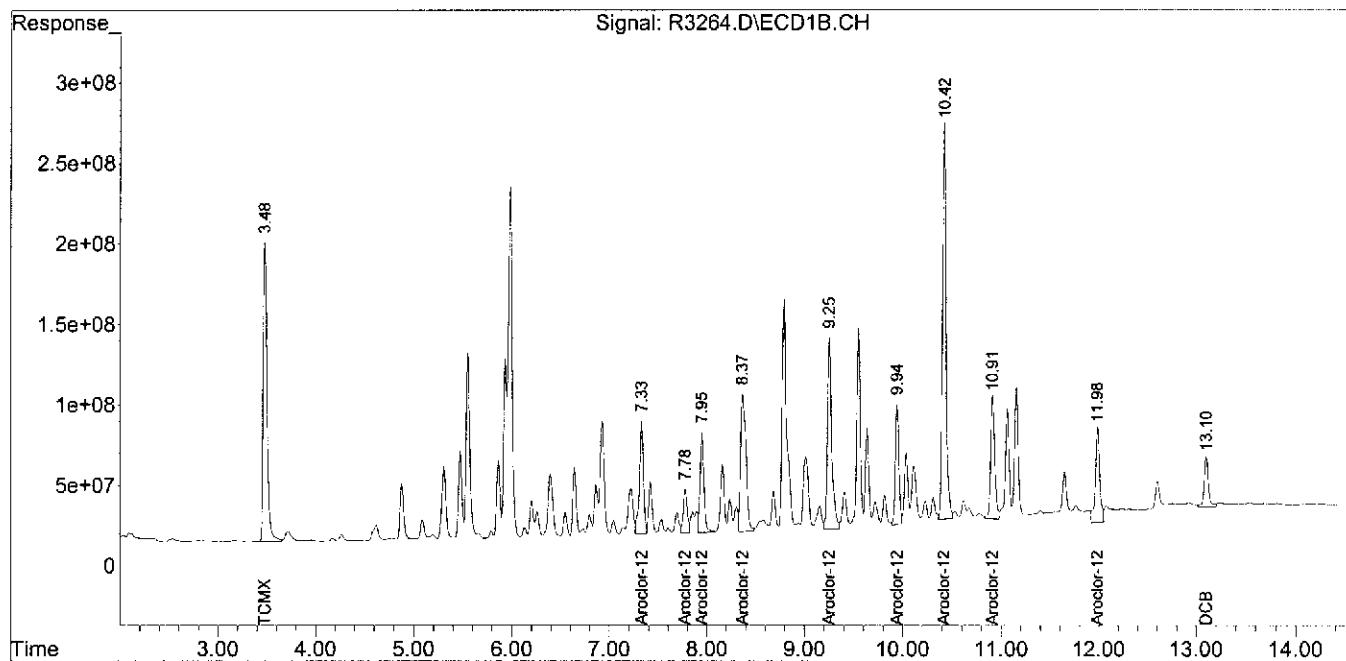
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3264.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 21:52
Operator : YG
Sample : U-26_(0-2.,07988-017,S,5.35g,21.2,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,10
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:25:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3265.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 22:10
 Operator : YG
 Sample : U-26_(2.0-,07988-018,S,5.48g,13.1,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:26:04 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	34997.9E6	32152.2E6	203.692	223.357
Spiked Amount	200.000			Recovery	=	101.85%
2) S DCB	13.10	13.17	10978.9E6	6414.1E6	188.077	160.129
Spiked Amount	200.000			Recovery	=	94.04%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
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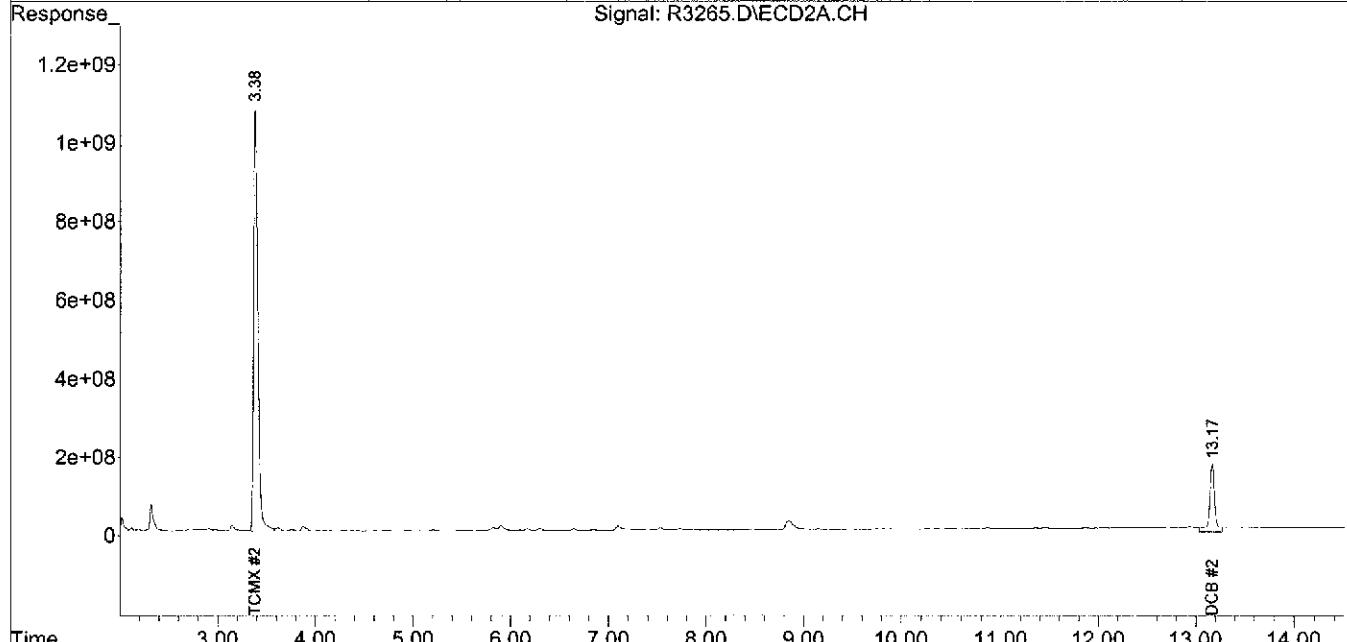
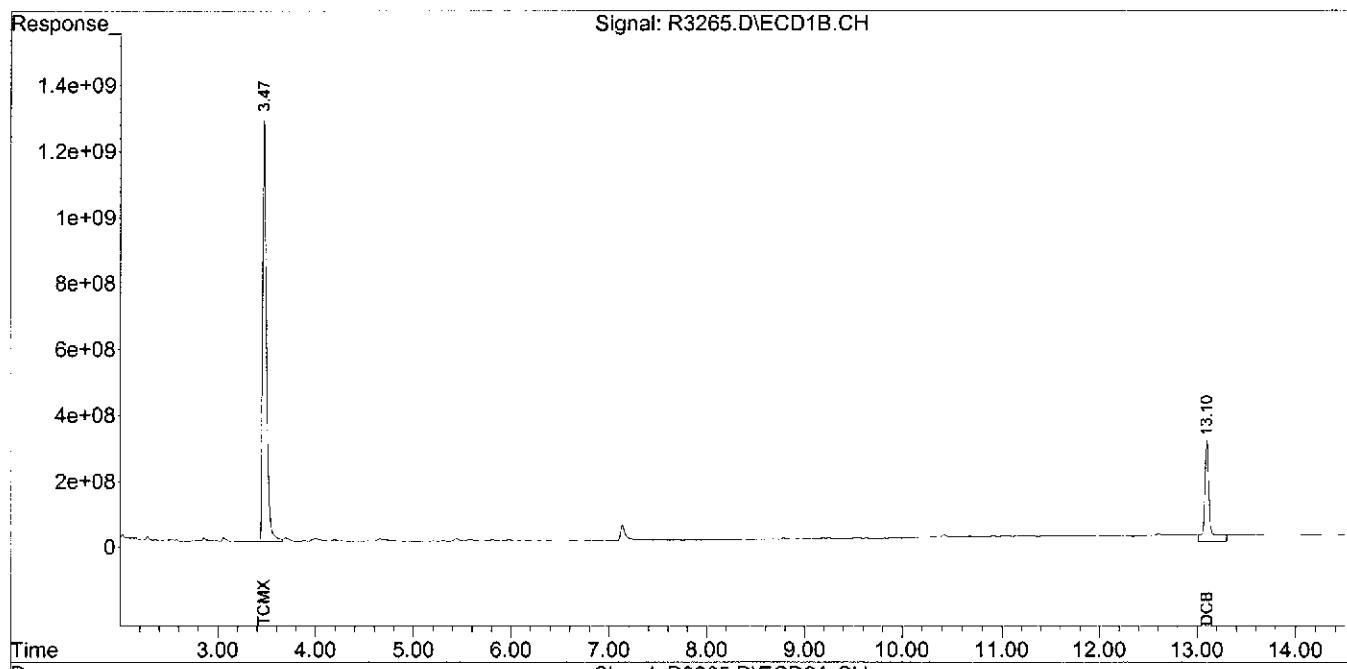
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3265.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 22:10
Operator : YG
Sample : U-26_(2.0-,07988-018,S,5.48g,13.1,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:26:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3266.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 22:27
 Operator : YG
 Sample : U-26_(3.5-,07988-019,S,5.08g,79.7,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:26:38 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	38488.3E6	35558.2E6	224.007	247.018
Spiked Amount	200.000				Recovery =	112.00%
2) S DCB	13.10	13.17	9266.1E6	5848.5E6	158.736	146.007
Spiked Amount	200.000				Recovery =	79.37%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
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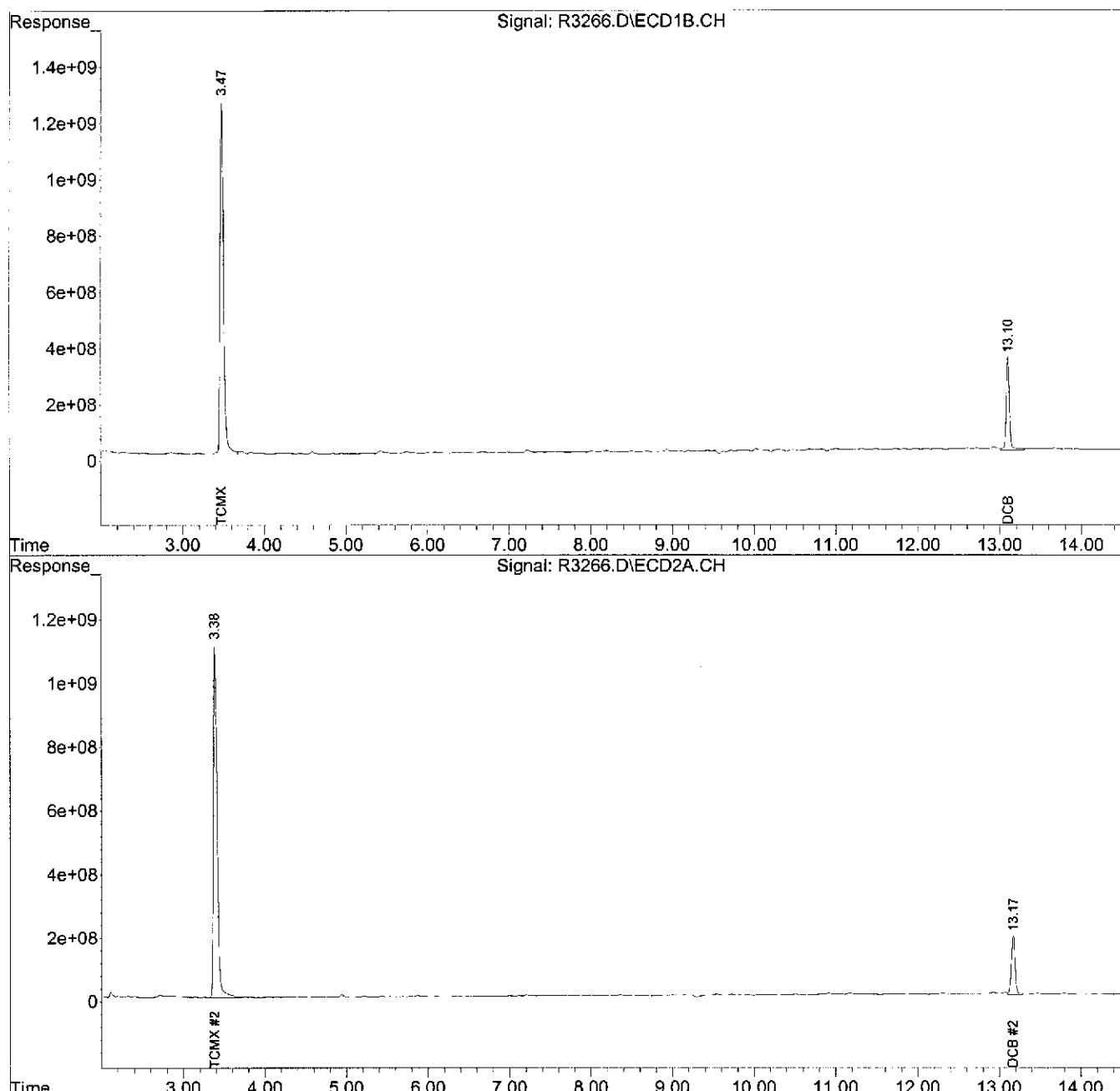
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3266.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 22:27
Operator : YG
Sample : U-26_(3.5-,07988-019,S,5.08g,79.7,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:26:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3267.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 22:45
 Operator : YG
 Sample : U-26_(4.0-,07988-020,S,5.12g,19.5,08/09/12,4
 Misc : 120809-01,08/07/12,08/07/12,1
 ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 11:26:58 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	40541.6E6	34268.0E6	235.957	238.055
Spiked Amount	200.000			Recovery	= 117.98%	119.03%
2) S DCB	13.10	13.17	7884.0E6	5412.0E6	135.059	135.112
Spiked Amount	200.000			Recovery	= 67.53%	67.56%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

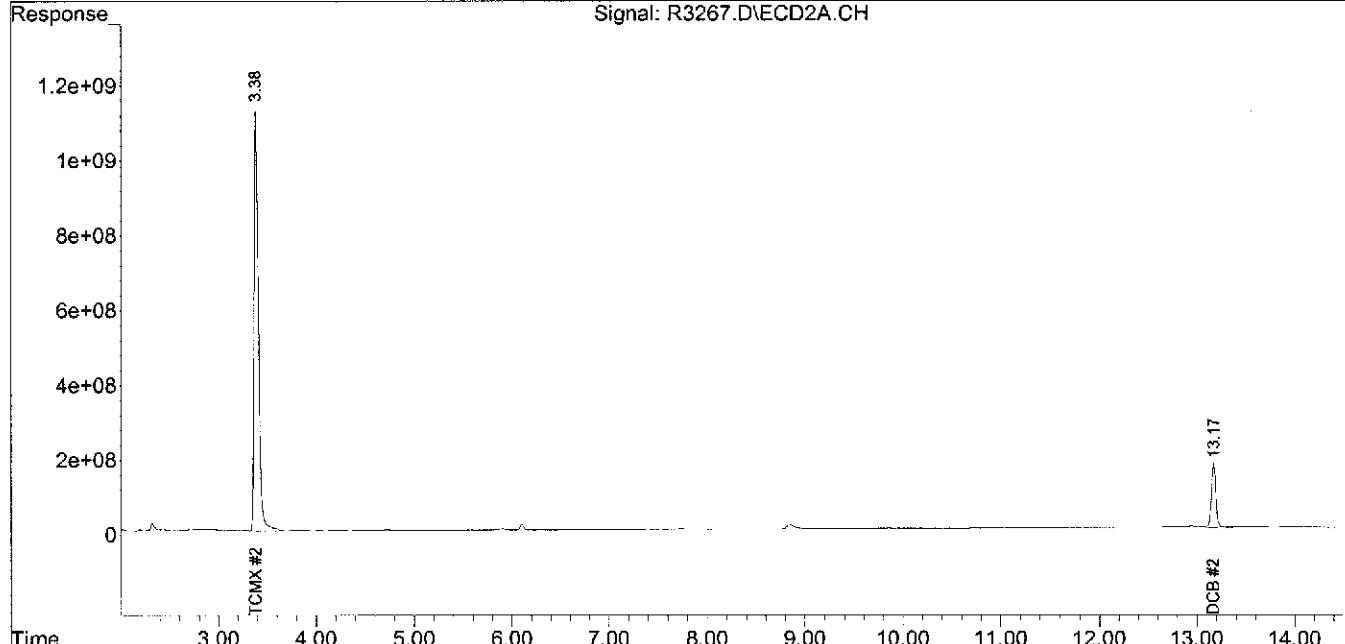
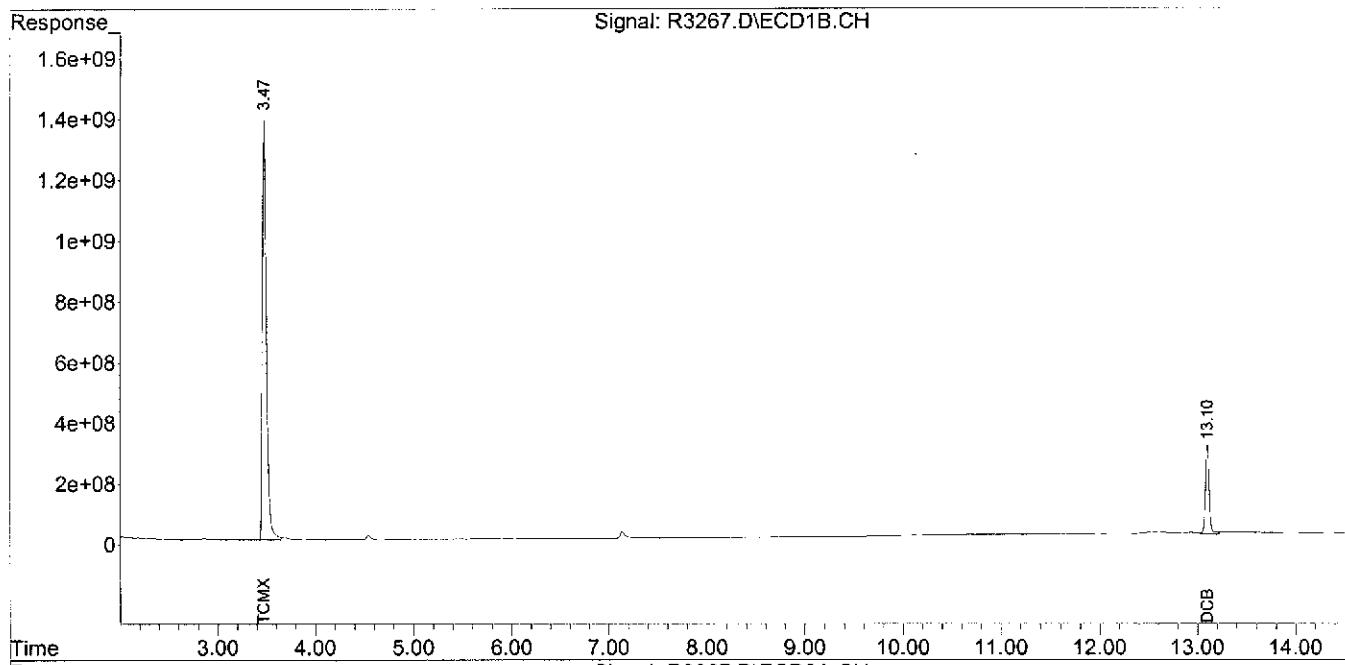
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3267.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 22:45
Operator : YG
Sample : U-26_(4.0-,07988-020,S,5.12g,19.5,08/09/12,4
Misc : 120809-01,08/07/12,08/07/12,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:26:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3274.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 9:46
 Operator : YG
 Sample : Q-22_(0-2.,07988-021,S,5.42g,15.8,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,10
 ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 16:58:52 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S TCMX		3.48	3.39	3246.6E6	2925.7E6	18.896	20.324
Spiked Amount	200.000			Recovery	=	9.45%	10.16%
2) S DCB		13.10	13.17	682.7E6	494.8E6	11.695m	12.352m
Spiked Amount	200.000			Recovery	=	5.85%	6.18%
<hr/>							
Target Compounds							
Sum Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
Sum Aroclor-1242				0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
23) L6 Aroclor-1248	5.30	5.69	2048.8E6	1847.3E6	268.972	330.778	
24) L6 Aroclor-1248 {2}	5.86	6.29	473.6E6	2205.0E6	110.398	276.125	#
25) L6 Aroclor-1248 {3}	6.20	6.70	636.2E6	1760.7E6	115.813	295.004	#
26) L6 Aroclor-1248 {4}	6.92	6.85	3029.6E6	1258.0E6	355.574	246.370	#
27) L6 Aroclor-1248 {5}	7.21	7.21	1897.5E6	784.5E6	265.045	271.649	
Sum Aroclor-1248			8085.6E6	7855.4E6	1115.802	1419.926	
Average Aroclor-1248						223.160	283.985
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254						0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260						0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262						0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268						0.000	0.000
<hr/>							

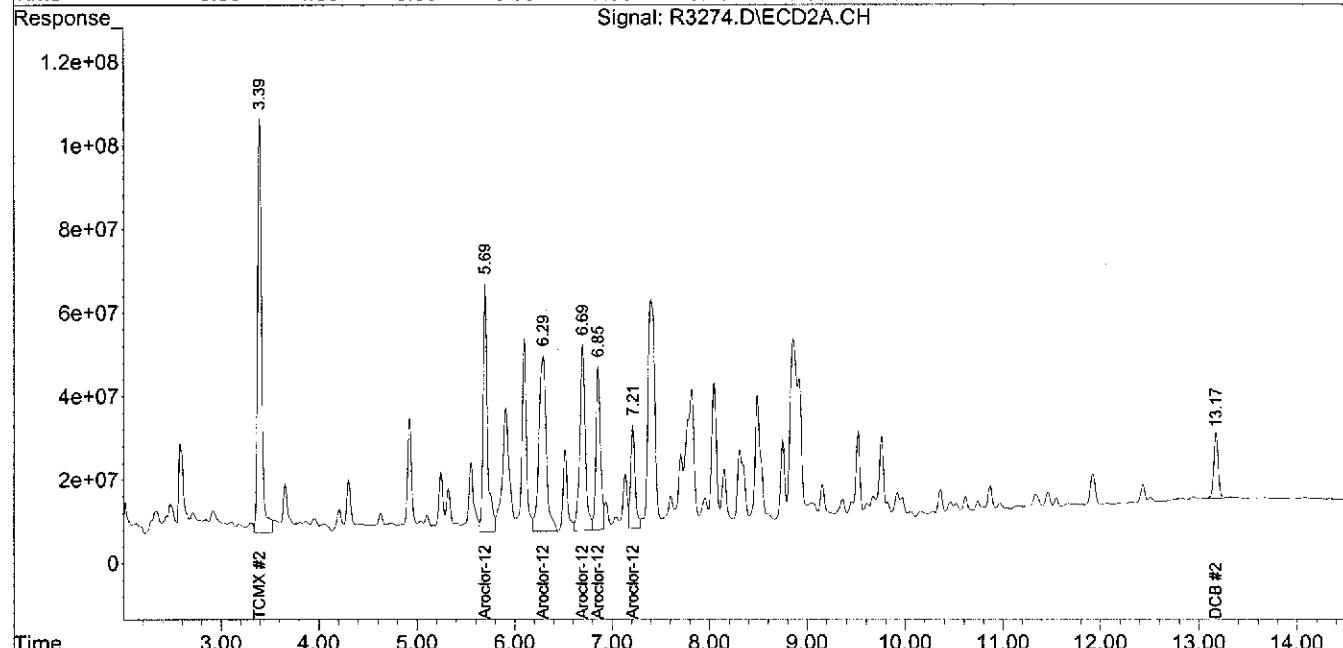
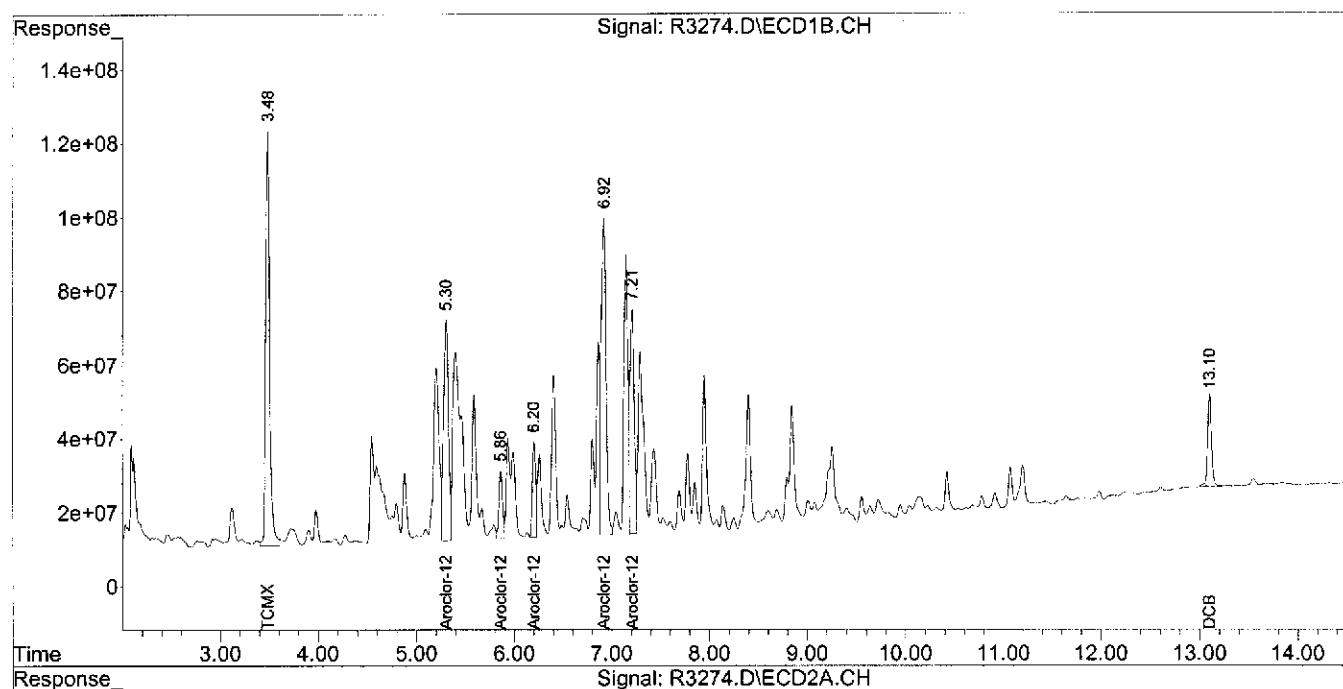
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3274.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 9:46
Operator : YG
Sample : Q-22_(0-2.,07988-021,S,5.42g,15.8,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,10
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 16:58:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3275.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 10:04
 Operator : YG
 Sample : Q-22_(2.0-,07988-022,S,5.27g,24.2,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,10
 ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 18:02:28 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :

Signal #2 Phase:
 Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.48	3.39	3392.6E6	2853.2E6	19.745	19.820
Spiked Amount	200.000				Recovery =	9.87% 9.91%
2) S DCB	13.10	13.17	756.5E6	529.7E6	12.960m	13.223m
Spiked Amount	200.000				Recovery =	6.48% 6.61%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.69	1830.7E6	1434.3E6	240.338	256.835
24) L6 Aroclor-1248 {2}	5.86	6.29	366.6E6	1894.2E6	85.466	237.205
25) L6 Aroclor-1248 {3}	6.20	6.70	536.8E6	1426.2E6	97.720	238.971
26) L6 Aroclor-1248 {4}	6.91	6.86	4343.5E6	1089.7E6	509.791m	213.419
27) L6 Aroclor-1248 {5}	7.21	7.21	1491.4E6	757.5E6	208.320	262.304
Sum Aroclor-1248			8569.0E6	6602.0E6	1141.636	1208.734
Average Aroclor-1248					228.327	241.747
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

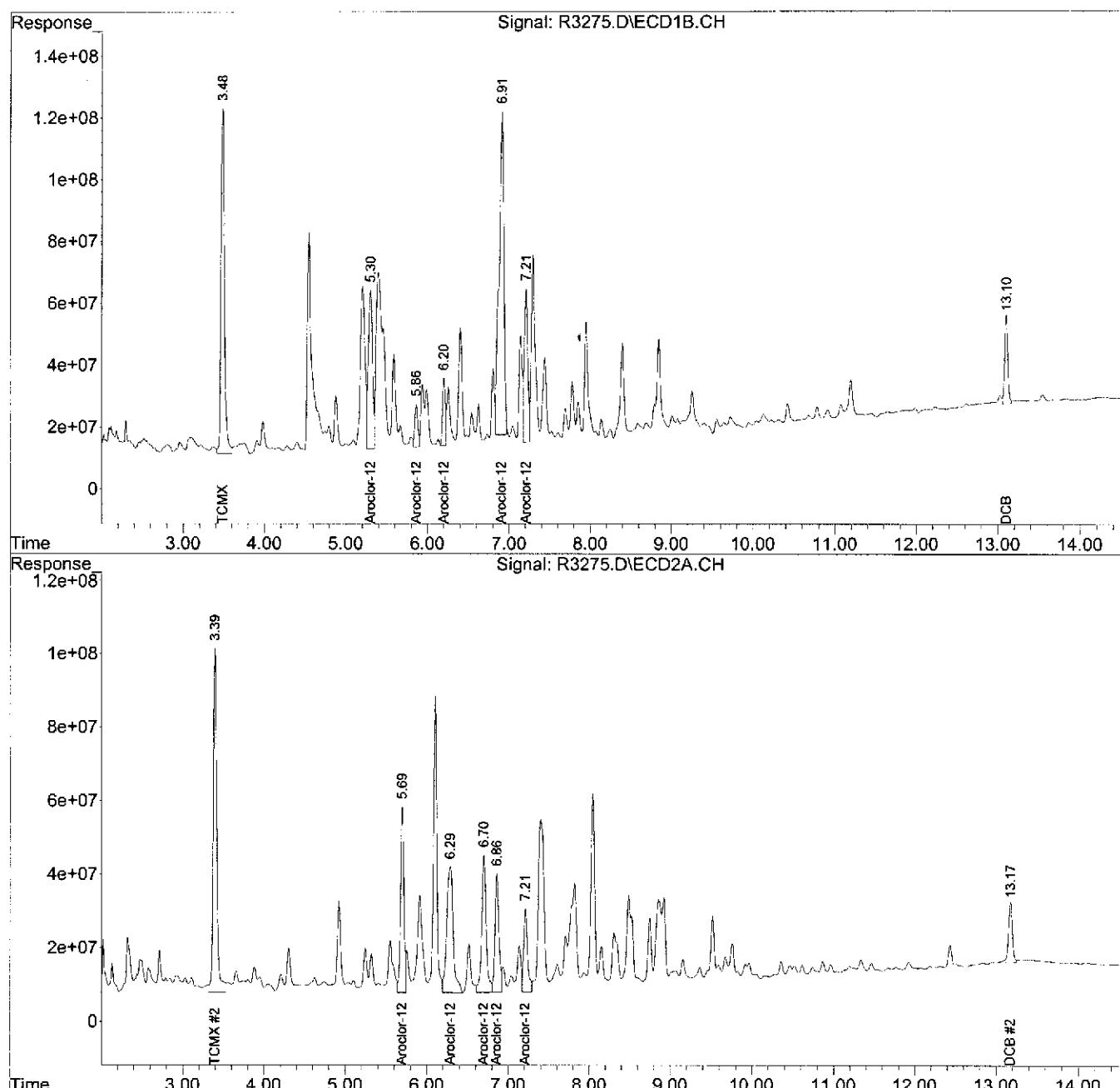
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3275.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 10:04
Operator : YG
Sample : Q-22_(2.0-,07988-022,S,5.27g,24.2,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,10
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 18:02:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3276.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 10:21
 Operator : YG
 Sample : Q-22_(4.0-,07988-023,S,5.22g,20.6,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:03:25 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :

Signal #2 Phase:
 Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1)	S TCMX	3.47	3.38	34619.6E6	30010.8E6	201.490	208.481
	Spiked Amount	200.000			Recovery	= 100.74%	104.24%
2)	S DCB	13.10	13.17	9069.3E6	5246.8E6	155.365	130.986
	Spiked Amount	200.000			Recovery	= 77.68%	65.49%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
23)	L6 Aroclor-1248	5.30	5.69	142.8E6	125.1E6	18.750	22.400
24)	L6 Aroclor-1248 {2}	5.86	6.29	35057166	190.3E6	8.172	23.832 #
25)	L6 Aroclor-1248 {3}	6.20	6.69	63782439	132.3E6	11.612	22.165 #
26)	L6 Aroclor-1248 {4}	6.91	6.85	216.7E6	104.9E6	25.439m	20.538
27)	L6 Aroclor-1248 {5}	7.21	7.21	75337835	70290770	10.524m	24.340 #
	Sum Aroclor-1248			533.8E6	622.9E6	74.496	113.276
	Average Aroclor-1248					14.899	22.655
	Sum Aroclor-1254			0	0	N.D.	N.D.
	Average Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
	Average Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
	Average Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
	Average Aroclor-1268					0.000	0.000
<hr/>							

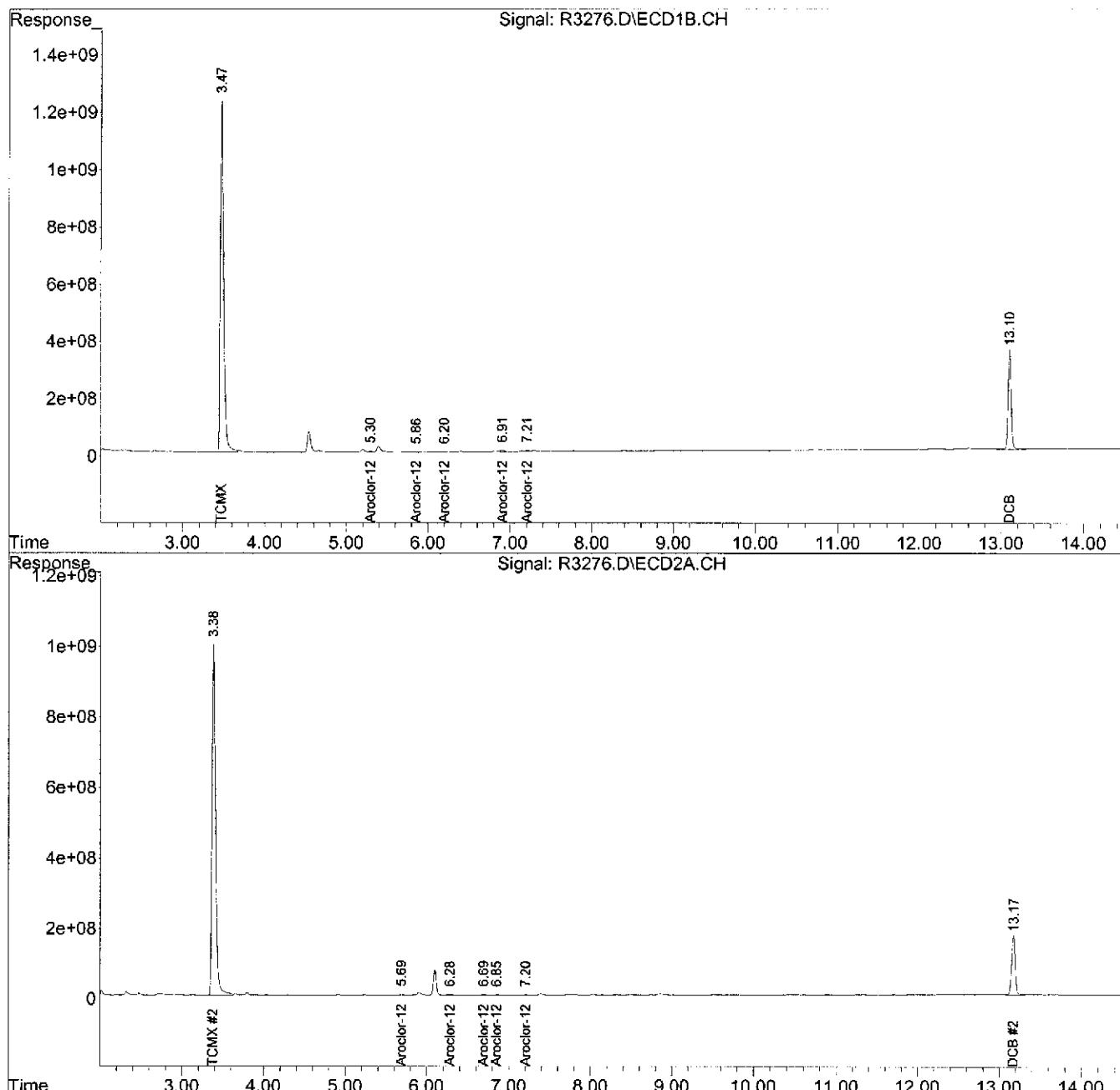
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3276.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 10:21
Operator : YG
Sample : Q-22_(4.0-,07988-023,S,5.22g,20.6,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:03:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3277.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 10:39
 Operator : YG
 Sample : P-21_(0-2.,07988-024,S,5.04g,16.8,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,10
 ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:10:15 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :

Signal #2 Phase:
 Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.48	3.39	3656.0E6	2960.4E6	21.278	20.566
Spiked Amount	200.000			Recovery =	10.64%	10.28%
2) S DCB	13.10	13.17	715.4E6	695.0E6	12.255m	17.350 #
Spiked Amount	200.000			Recovery =	6.13%	8.68%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	1846.2E6	1684.7E6	242.371m	301.662
24) L6 Aroclor-1248 {2}	5.86	6.29	548.0E6	2205.6E6	127.737m	276.205 #
25) L6 Aroclor-1248 {3}	6.20	6.70	677.9E6	1618.7E6	123.404	271.225 #
26) L6 Aroclor-1248 {4}	6.92	6.85	2692.8E6	1293.1E6	316.052	253.241
27) L6 Aroclor-1248 {5}	7.21	7.21	1877.2E6	790.7E6	262.220	273.807
Sum Aroclor-1248			7642.1E6	7592.8E6	1071.785	1376.139
Average Aroclor-1248					214.357	275.228
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
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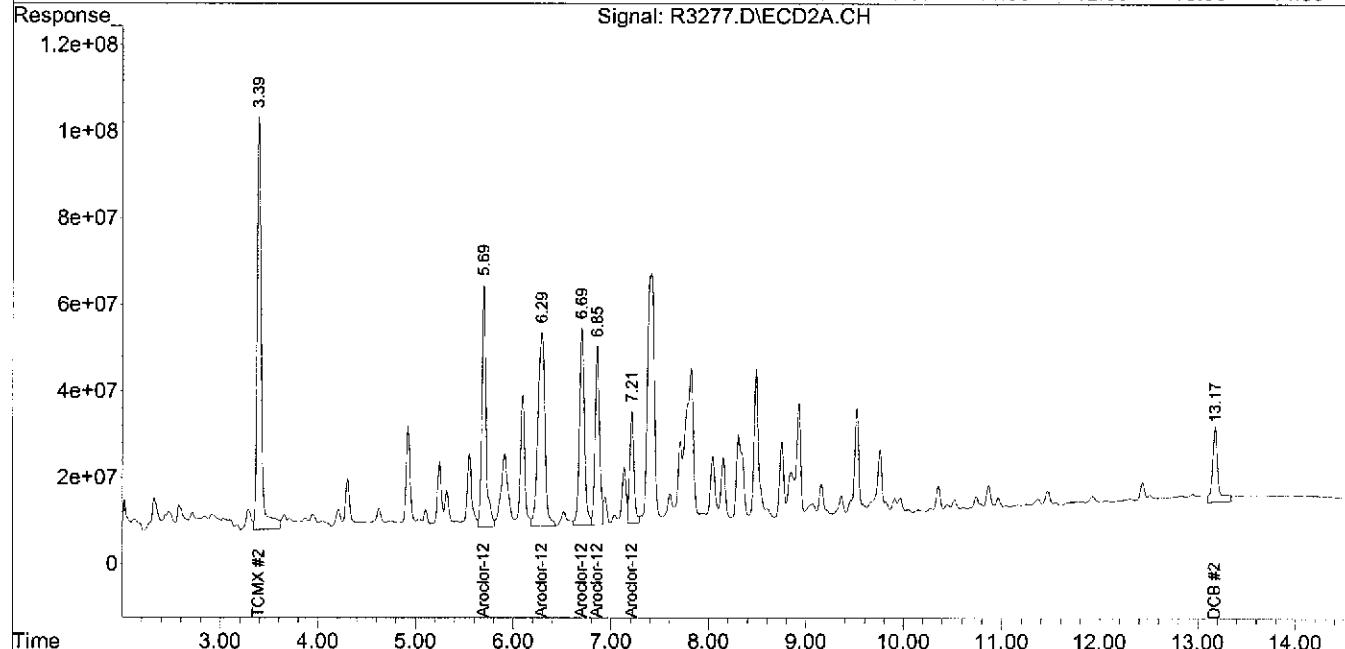
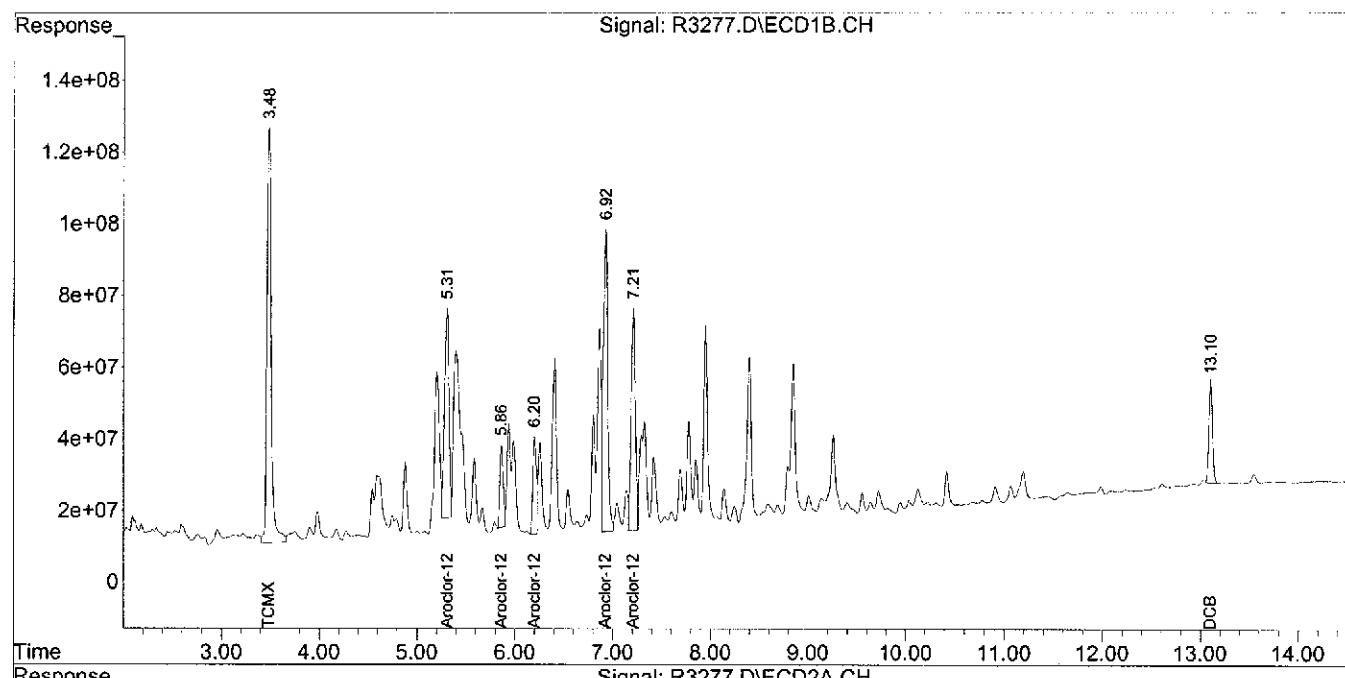
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3277.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 10:39
Operator : YG
Sample : P-21_(0-2.,07988-024,S,5.04g,16.8,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,10
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:10:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3278.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 10:56
 Operator : YG
 Sample : P-21_(2.0-,07988-025,S,5.45g,21.6,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,10
 ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:13:05 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.48	3.39	3898.5E6	3327.1E6	22.689	23.113
Spiked Amount	200.000			Recovery	=	11.34% 11.56%
2) S DCB	13.10	13.17	1398.3E6	1028.3E6	23.953	25.671
Spiked Amount	200.000			Recovery	=	11.98% 12.84%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	1394.9E6	1576.7E6	183.127m	282.320 #
24) L6 Aroclor-1248 {2}	5.86	6.29	467.4E6	1739.1E6	108.950m	217.782 #
25) L6 Aroclor-1248 {3}	6.20	6.70	547.5E6	1255.2E6	99.675	210.308 #
26) L6 Aroclor-1248 {4}	6.92	6.85	1865.3E6	1004.3E6	218.927	196.690
27) L6 Aroclor-1248 {5}	7.21	7.21	1182.0E6	611.7E6	165.106	211.810 #
Sum Aroclor-1248			5457.1E6	6186.9E6	775.785	1118.911
Average Aroclor-1248					155.157	223.782
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

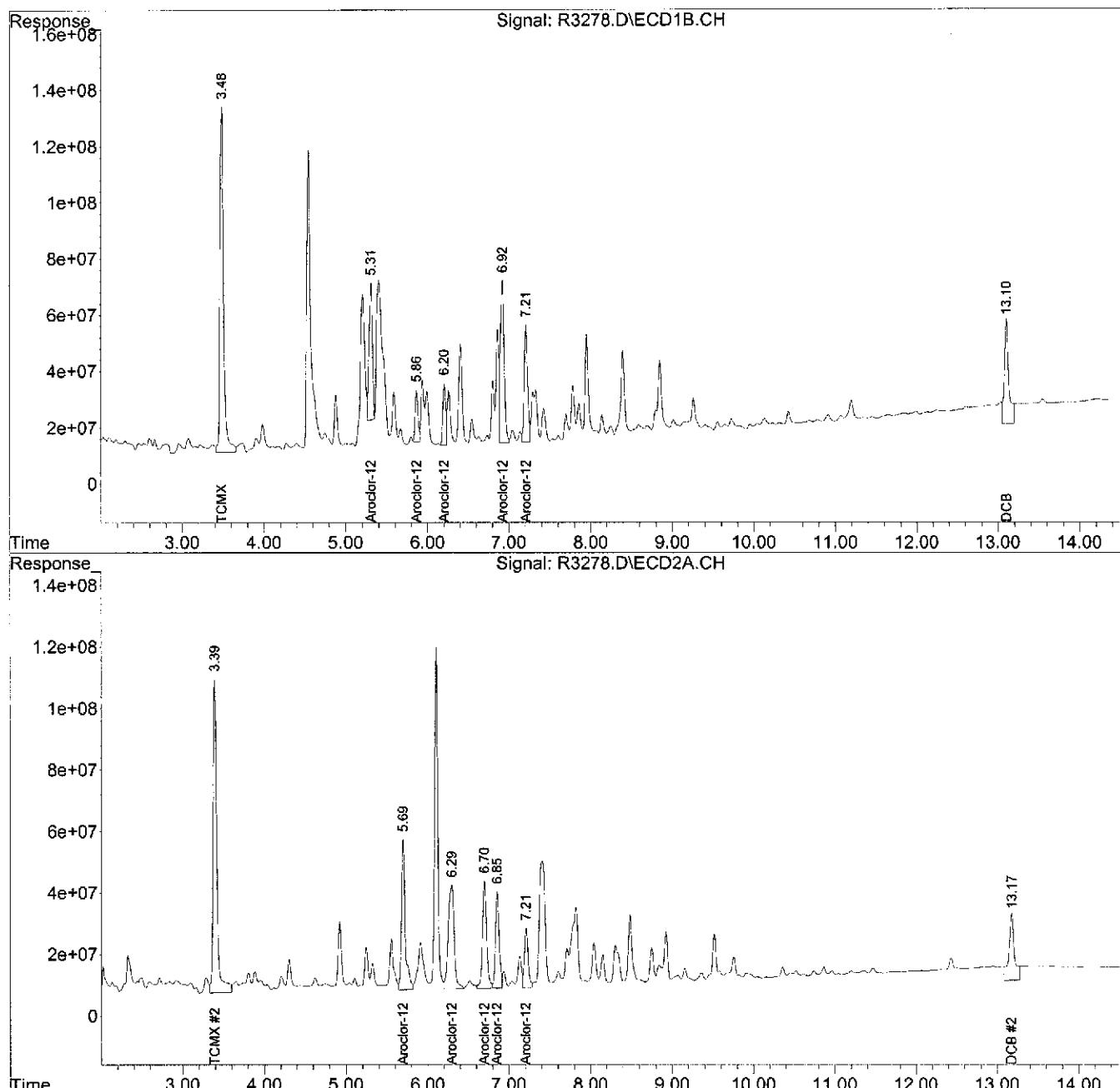
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3278.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 10:56
Operator : YG
Sample : P-21 (2.0-, 07988-025, S, 5.45g, 21.6, 08/09/12, 4
Misc : 120809-02, 08/07/12, 08/07/12, 10
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:13:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3279.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 11:14
 Operator : YG
 Sample : P-21_(3.25,07988-026,S,5.07g,22.9,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:14:29 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	26811.3E6	21840.5E6	156.045	151.723
Spiked Amount	200.000			Recovery	=	78.02%
2) S DCB	13.10	13.17	6888.0E6	5171.4E6	117.998	129.105
Spiked Amount	200.000			Recovery	=	59.00%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.69	3762.2E6	4461.6E6	493.907m	798.909 #
24) L6 Aroclor-1248 {2}	5.86	6.29	1451.5E6	4554.8E6	338.346	570.398 #
25) L6 Aroclor-1248 {3}	6.20	6.70	1455.6E6	3307.6E6	264.993	554.194 #
26) L6 Aroclor-1248 {4}	6.92	6.85	5073.7E6	2679.6E6	595.492	524.784
27) L6 Aroclor-1248 {5}	7.21	7.21	3342.1E6	1690.9E6	466.845	585.509 #
Sum Aroclor-1248			15085.2E6	16694.5E6	2159.583	3033.794
Average Aroclor-1248					431.917	606.759
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

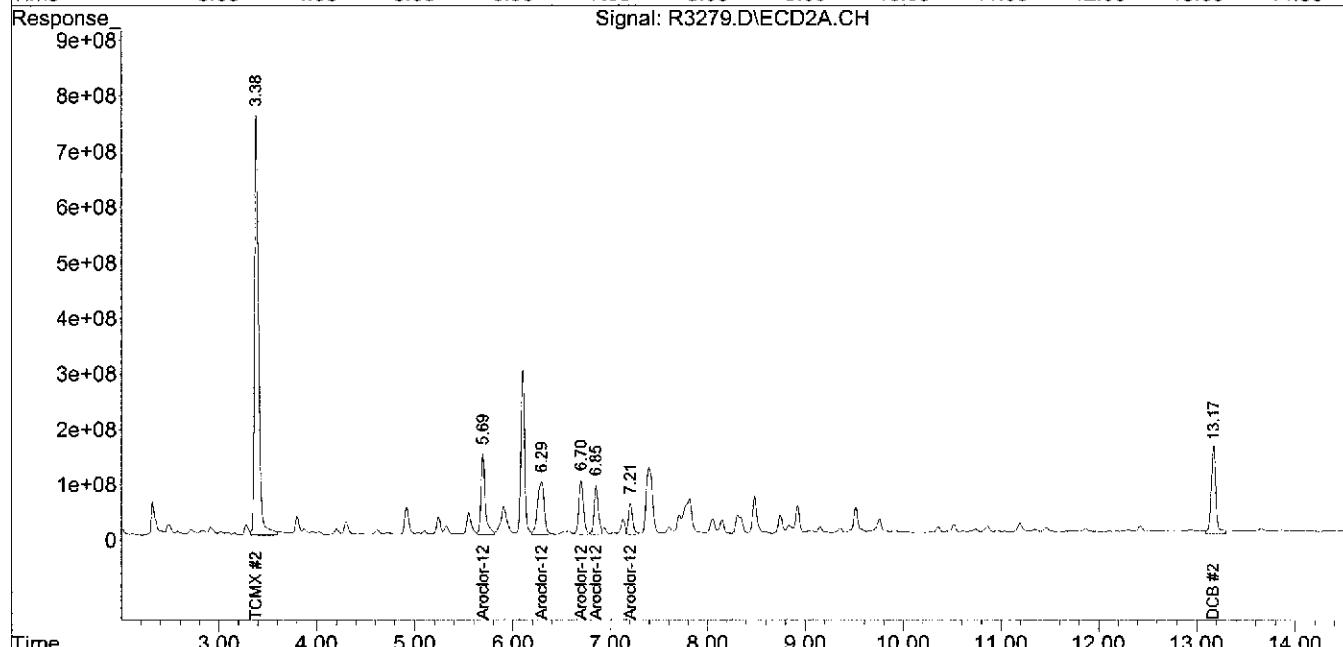
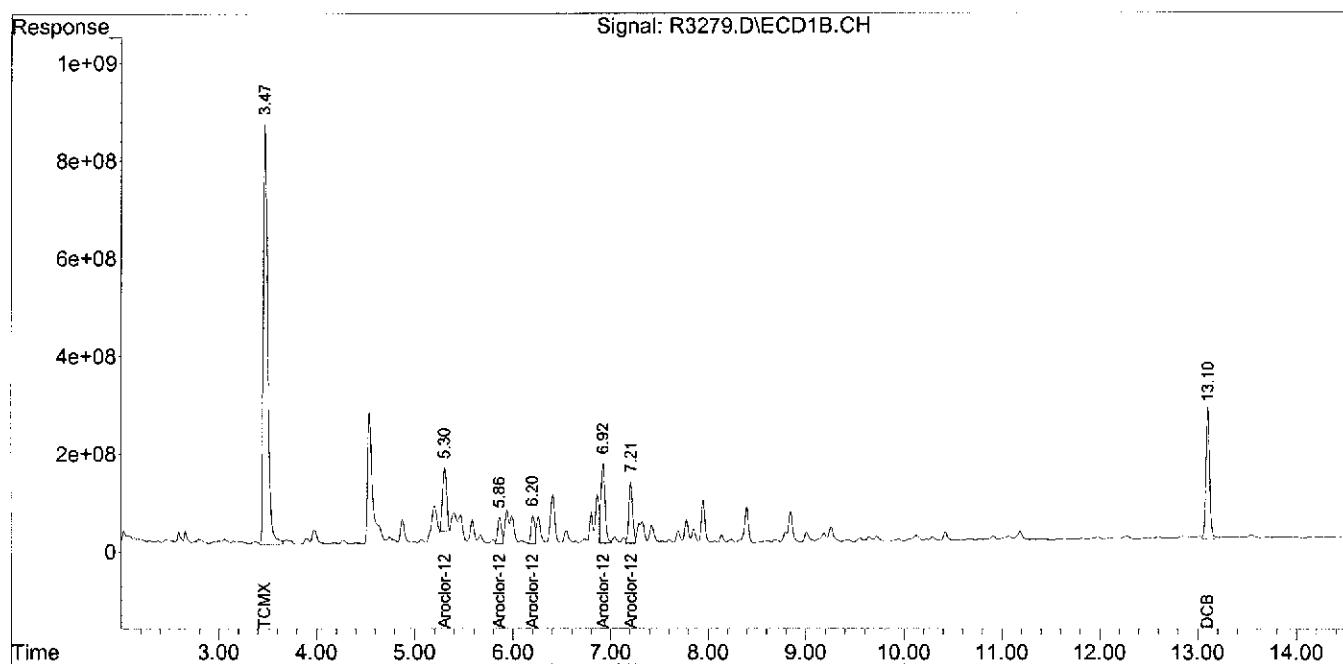
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3279.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 11:14
Operator : YG
Sample : P-21_(3.25,07988-026,S,5.07g,22.9,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:14:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3280.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 11:31
 Operator : YG
 Sample : P-21_(4.25,07988-027,S,5.86g,20.4,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:16:11 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	35744.2E6	31824.0E6	208.035	221.077
Spiked Amount	200.000			Recovery	= 104.02%	110.54%
2) S DCB	13.10	13.17	8055.1E6	5933.6E6	137.991	148.134
Spiked Amount	200.000			Recovery	= 69.00%	74.07%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

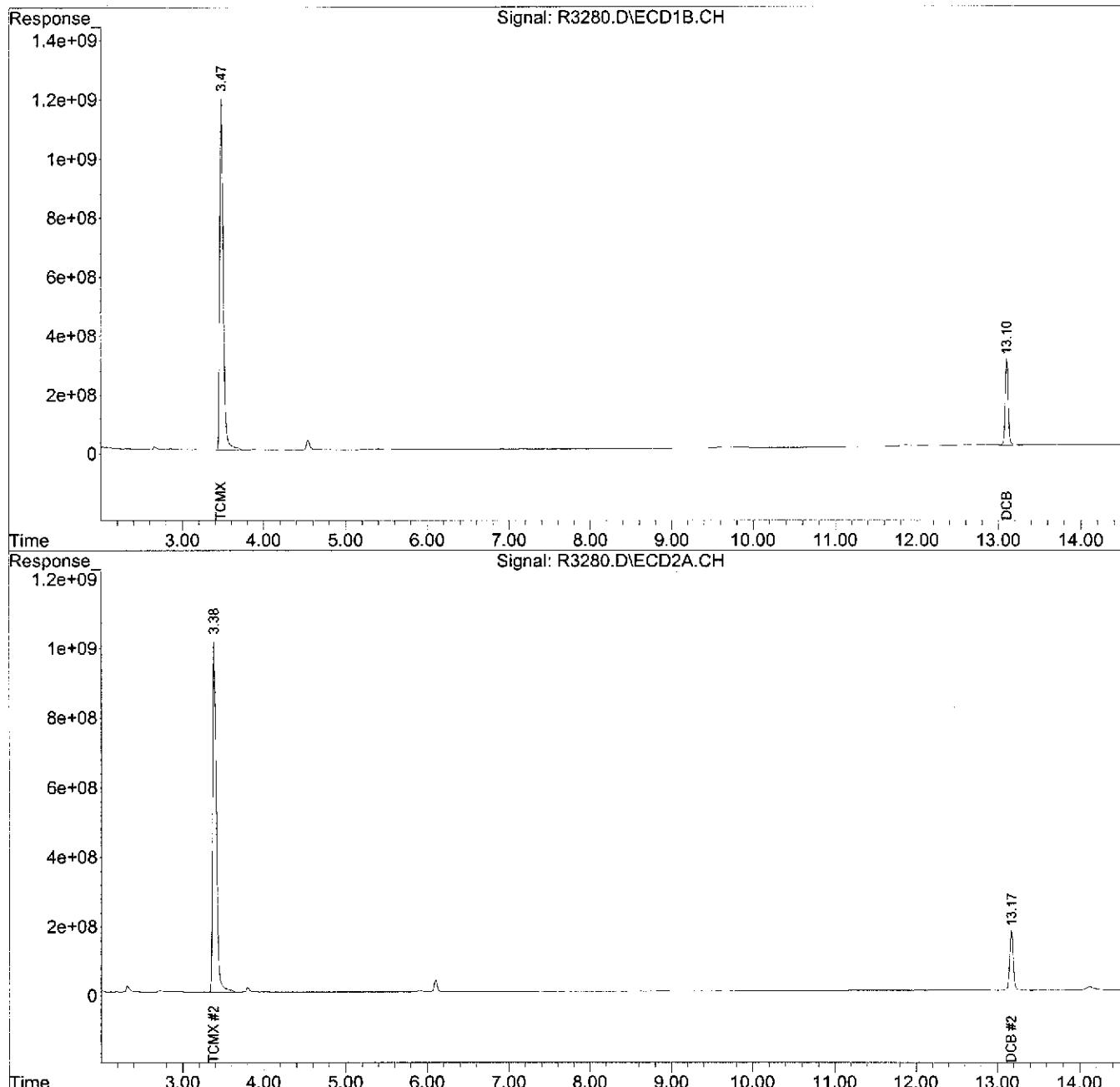
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3280.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 11:31
Operator : YG
Sample : P-21 (4.25,07988-027,S,5.86g,20.4,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:16:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
 Data File : R3333.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 21 Aug 2012 3:33
 Operator : YG
 Sample : P-19_(0-2.,07988-028,S,5.12g,5.60,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1000
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 15:11:18 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
----------	------	------	--------	--------	------	------

System Monitoring Compounds

Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	1281.4E6	1180.4E6	168.224	211.356 #
24) L6 Aroclor-1248 {2}	5.87	6.29	620.0E6	1694.6E6	144.512	212.210 #
25) L6 Aroclor-1248 {3}	6.21	6.70	996.7E6	1438.7E6	181.442	241.064 #
26) L6 Aroclor-1248 {4}	6.93	6.85	1968.6E6	1323.8E6	231.049	259.265
27) L6 Aroclor-1248 {5}	7.21	7.21	1645.9E6	759.0E6	229.904	262.816
Sum Aroclor-1248			6512.5E6	6396.5E6	955.130	1186.711
Average Aroclor-1248					191.026	237.342
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

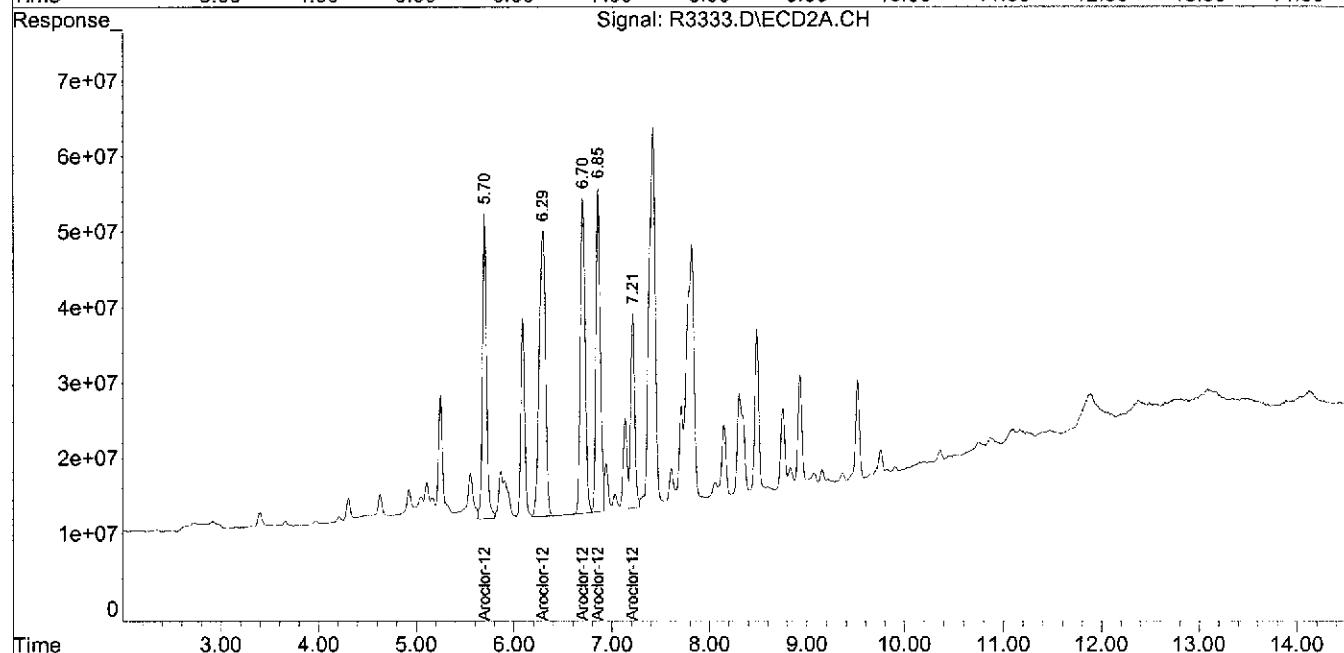
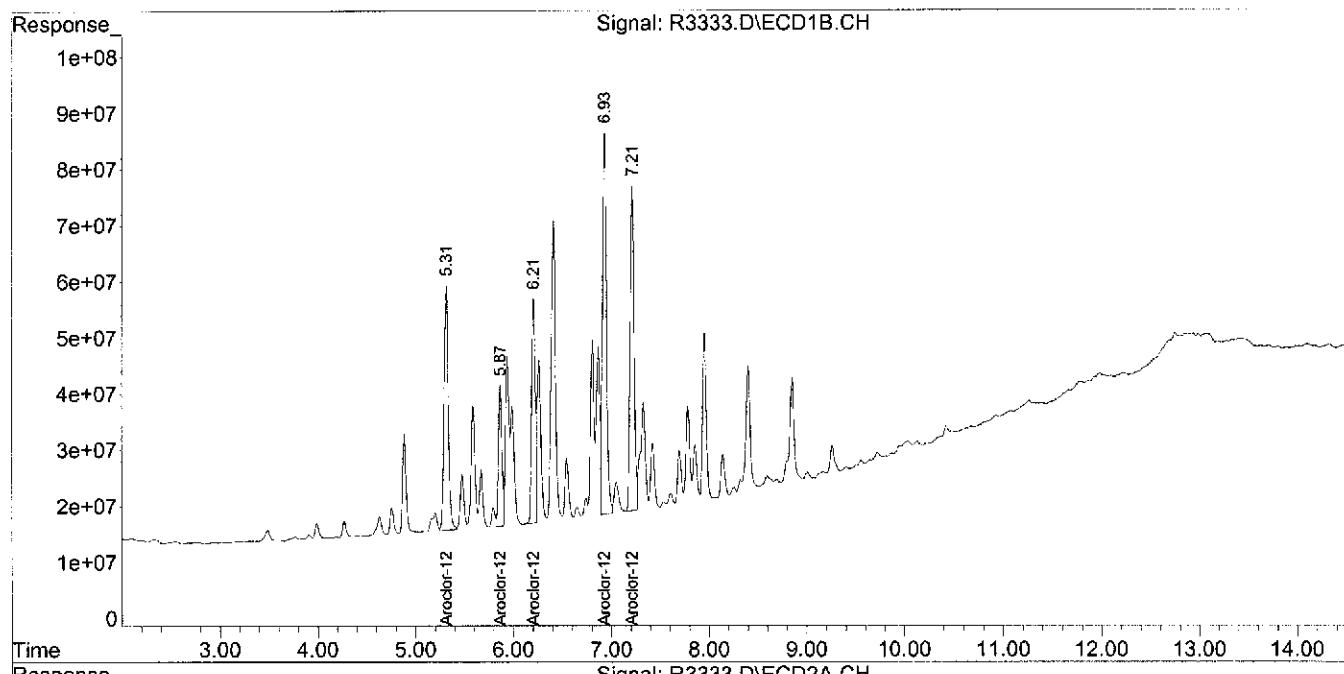
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3333.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 3:33
Operator : YG
Sample : P-19_(0-2.,07988-028,S,5.12g,5.60,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1000
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:11:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3282.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 12:06
 Operator : YG
 Sample : P-19 (2.0-,07988-029,S,5.01g,17.9,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:26:38 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
System Monitoring Compounds							
1) S TCMX		3.47	3.38	31362.9E6	29597.9E6	182.536	205.612
Spiked Amount	200.000			Recovery	=	91.27%	102.81%
2) S DCB		13.10	13.17	7508.7E6	5106.5E6	128.630	127.484
Spiked Amount	200.000			Recovery	=	64.31%	63.74%
<hr/>							
Target Compounds							
Sum Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
18) L5 Aroclor-1242	0.00	5.28	0	442.2E6	N.D.	254.912m#	
19) L5 Aroclor-1242 {2}	5.86	6.09	1021.5E6	1145.2E6	443.314	389.856	
20) L5 Aroclor-1242 {3}	6.20	6.70	890.5E6	1534.2E6	273.893	390.733	#
21) L5 Aroclor-1242 {4}	6.92	6.85	1553.2E6	1226.4E6	332.150	371.367	
22) L5 Aroclor-1242 {5}	7.21	7.42	1309.9E6	1722.3E6	295.895	559.000	#
Sum Aroclor-1242			4775.1E6	6070.4E6	1345.252	1965.868	
Average Aroclor-1242						336.313	393.174
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248						0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254						0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260						0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262						0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268						0.000	0.000
<hr/>							

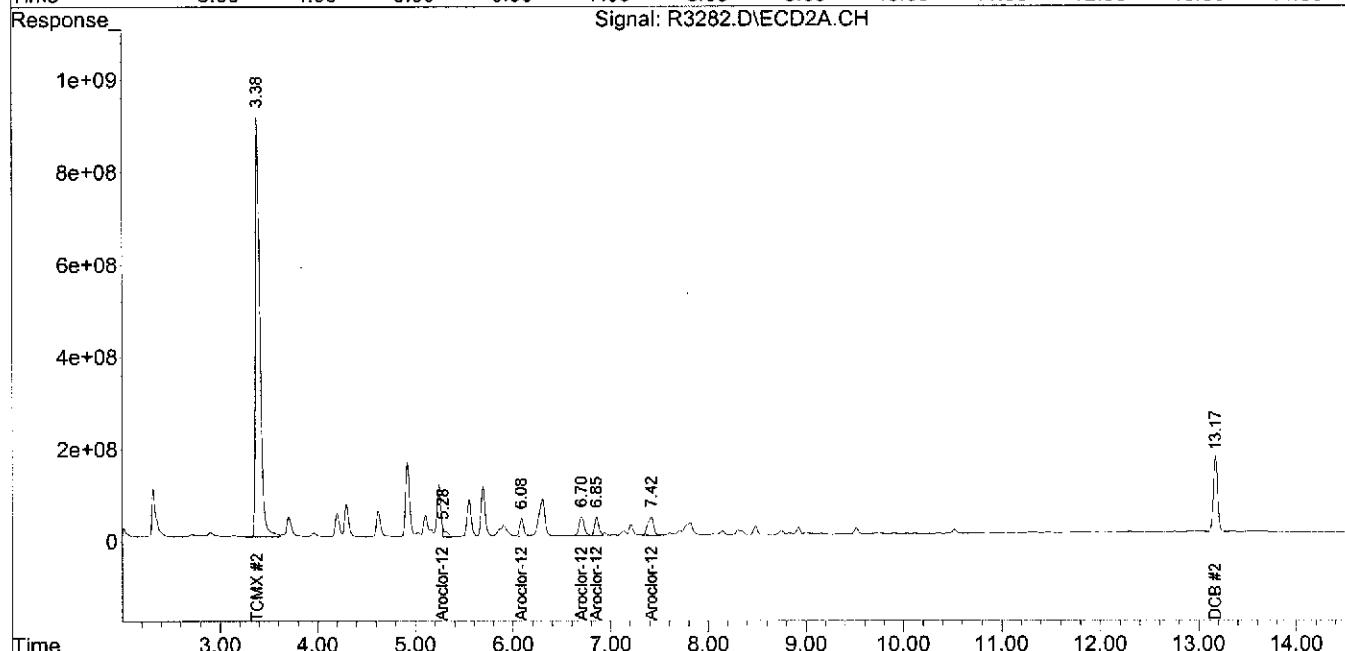
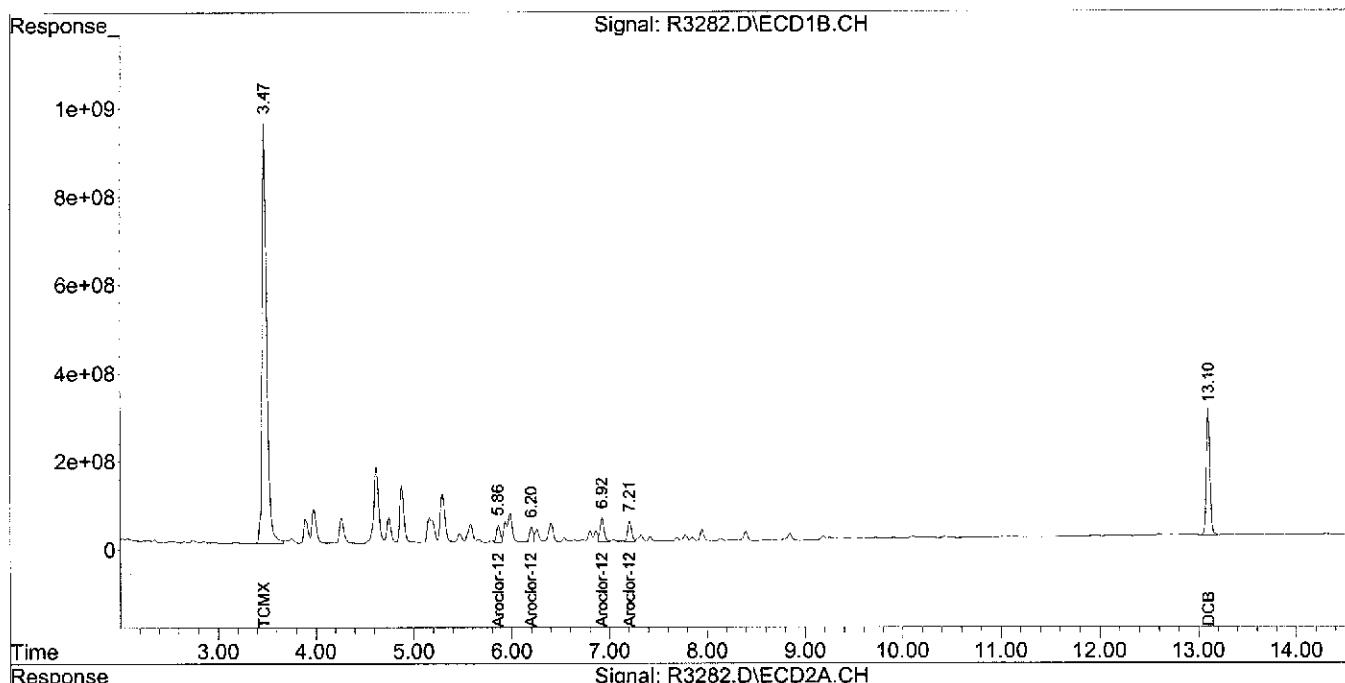
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3282.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 12:06
Operator : YG
Sample : P-19 (2.0-,07988-029,S,5.01g,17.9,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:26:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3283.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 12:23
Operator : YG
Sample : P-19_(4.0-,07988-030,S,5.40g,74.7,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:28:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	39451.0E6	36627.5E6	229.610	254.446
Spiked Amount	200.000			Recovery	= 114.81%	127.22%
2) S DCB	13.10	13.17	8664.3E6	5438.4E6	148.428	135.771
Spiked Amount	200.000			Recovery	= 74.21%	67.89%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.88	5.31	1245.6E6	87835592	345.543	50.630 #
19) L5 Aroclor-1242 {2}	5.86	6.09	186.5E6	286.4E6	80.954m	97.503
20) L5 Aroclor-1242 {3}	6.20	6.70	140.2E6	235.7E6	43.130	60.025 #
21) L5 Aroclor-1242 {4}	6.93	6.85	336.5E6	162.2E6	71.953	49.130 #
22) L5 Aroclor-1242 {5}	7.22	7.39	290.4E6	225.4E6	65.597	73.147
Sum Aroclor-1242			2199.3E6	997.6E6	607.177	330.434
Average Aroclor-1242					121.435	66.087
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

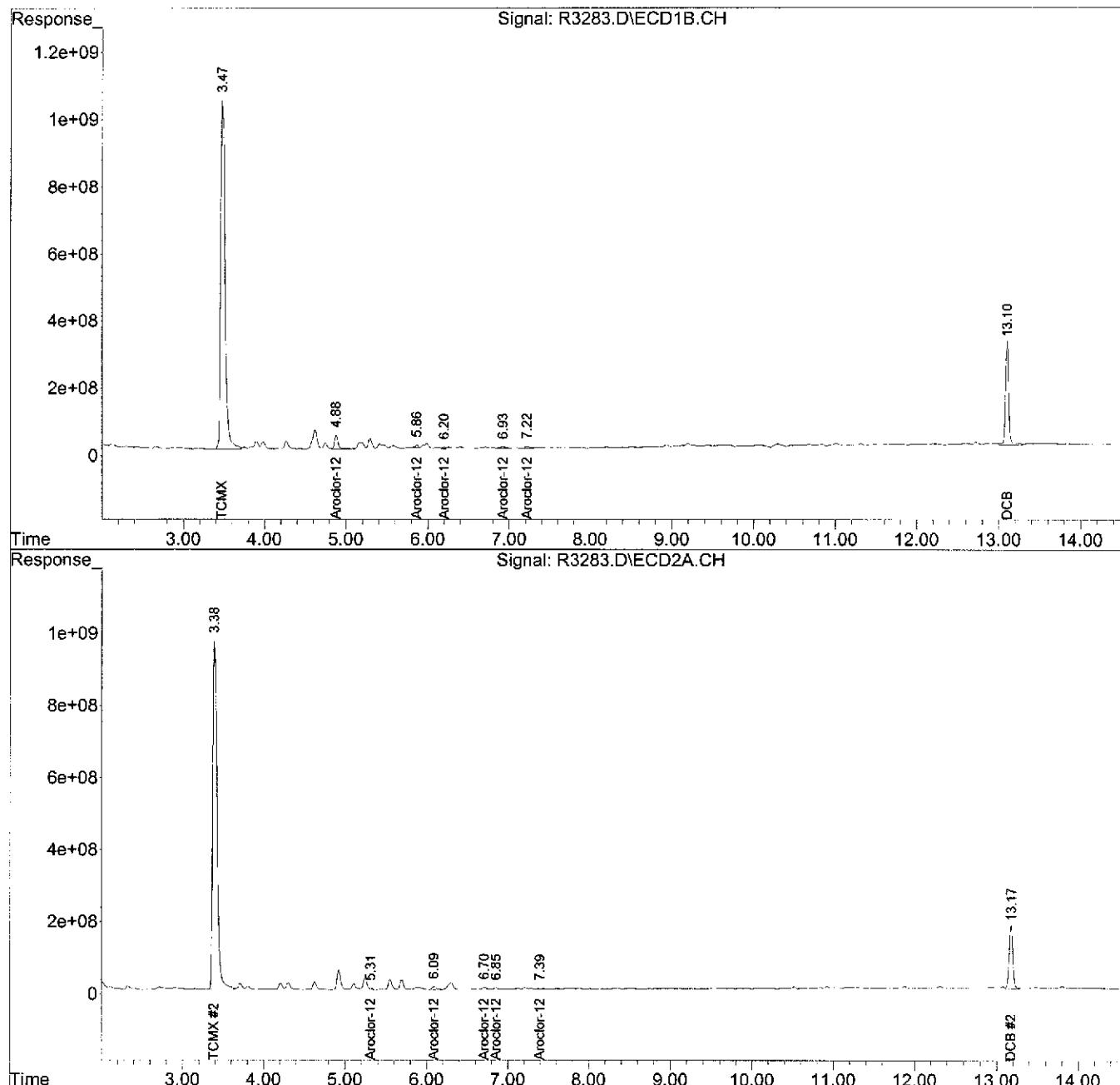
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3283.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 12:23
Operator : YG
Sample : P-19_(4.0-,07988-030,S,5.40g,74.7,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:28:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3284.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 12:41
 Operator : YG
 Sample : P-19_(4.5-,07988-031,S,5.00g,20.9,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:29:43 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	37421.9E6	32548.0E6	217.800	226.106
Spiked Amount	200.000			Recovery	= 108.90%	113.05%
2) S DCB	13.10	13.17	7054.5E6	4768.8E6	120.851	119.053
Spiked Amount	200.000			Recovery	= 60.43%	59.53%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

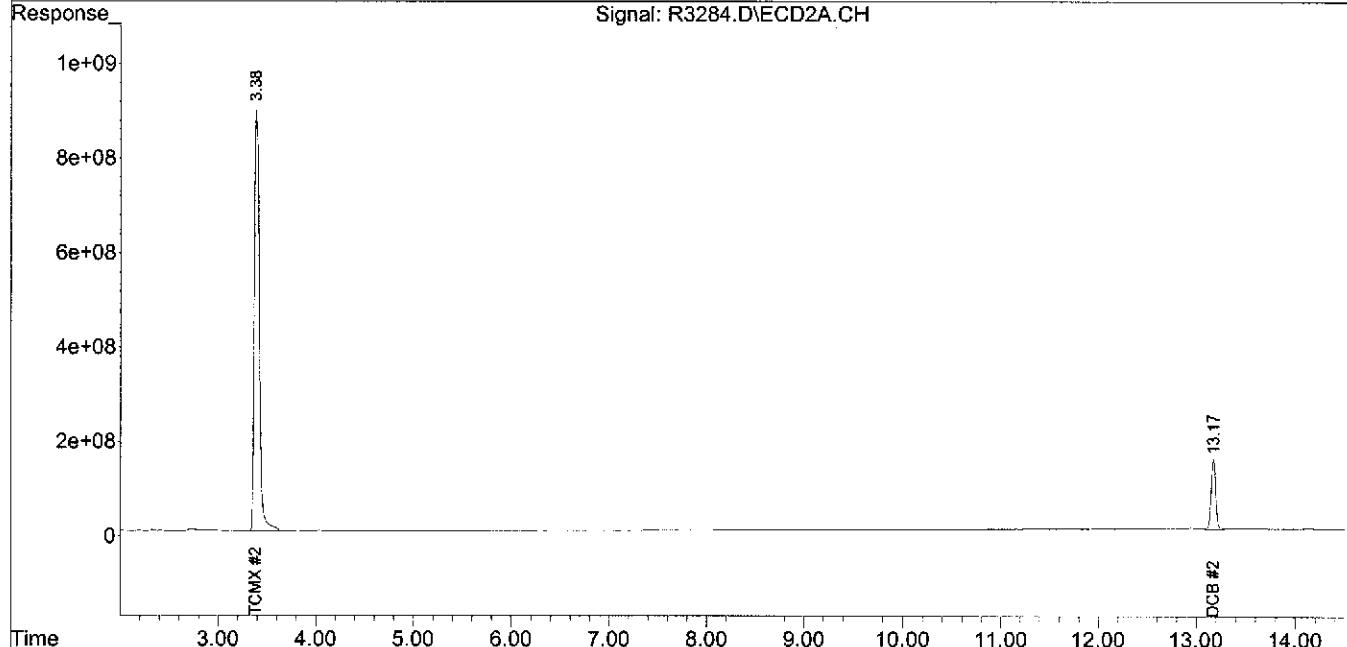
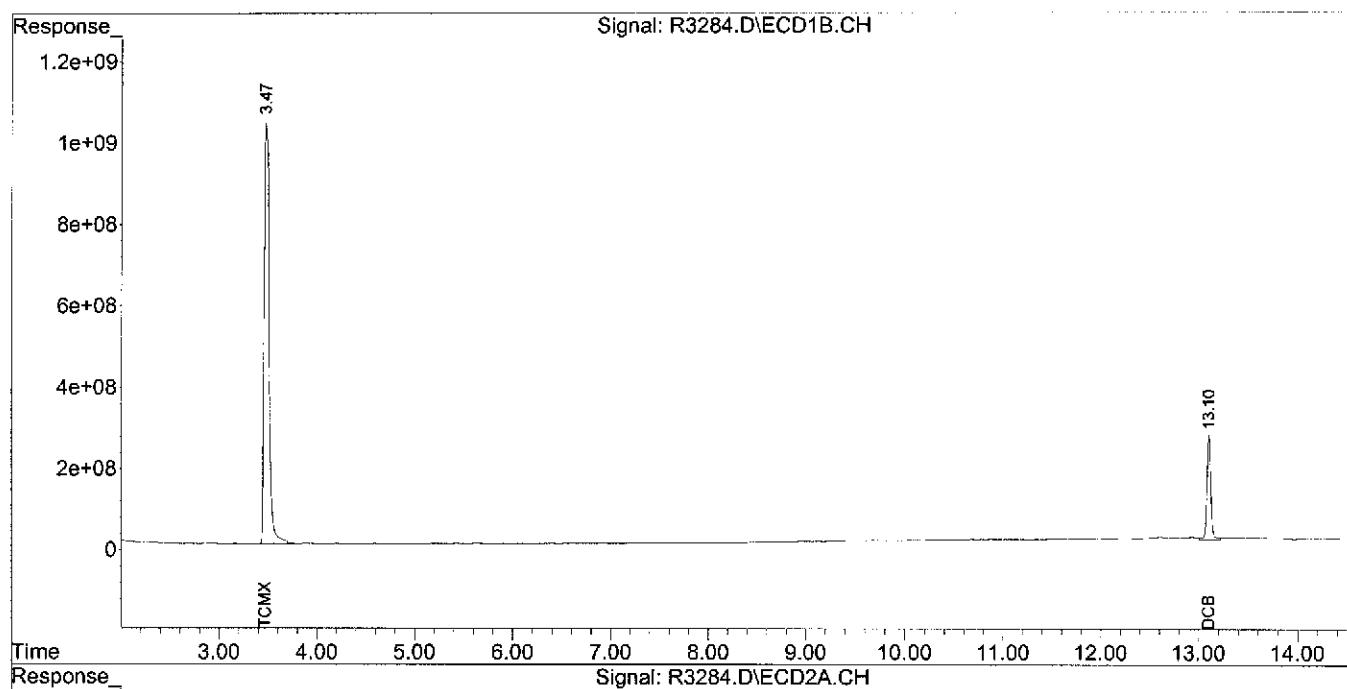
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3284.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 12:41
Operator : YG
Sample : P-19_(4.5-,07988-031,S,5.00g,20.9,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:29:43 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3285.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 12:58
 Operator : YG
 Sample : O-20_(0-2.,07988-032,S,5.31g,8.80,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1000
 ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:32:48 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	2837.1E6	2348.2E6	372.456	420.480
24) L6 Aroclor-1248 {2}	5.87	6.29	1058.4E6	2557.9E6	246.706	320.319
25) L6 Aroclor-1248 {3}	6.20	6.70	1463.7E6	2026.0E6	266.465	339.458
26) L6 Aroclor-1248 {4}	6.93	6.85	3800.4E6	1846.8E6	446.047	361.683
27) L6 Aroclor-1248 {5}	7.21	7.21	3283.6E6	1345.5E6	458.664	465.925
Sum Aroclor-1248			12443.1E6	10124.4E6	1790.339	1907.864
Average Aroclor-1248					358.068	381.573
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

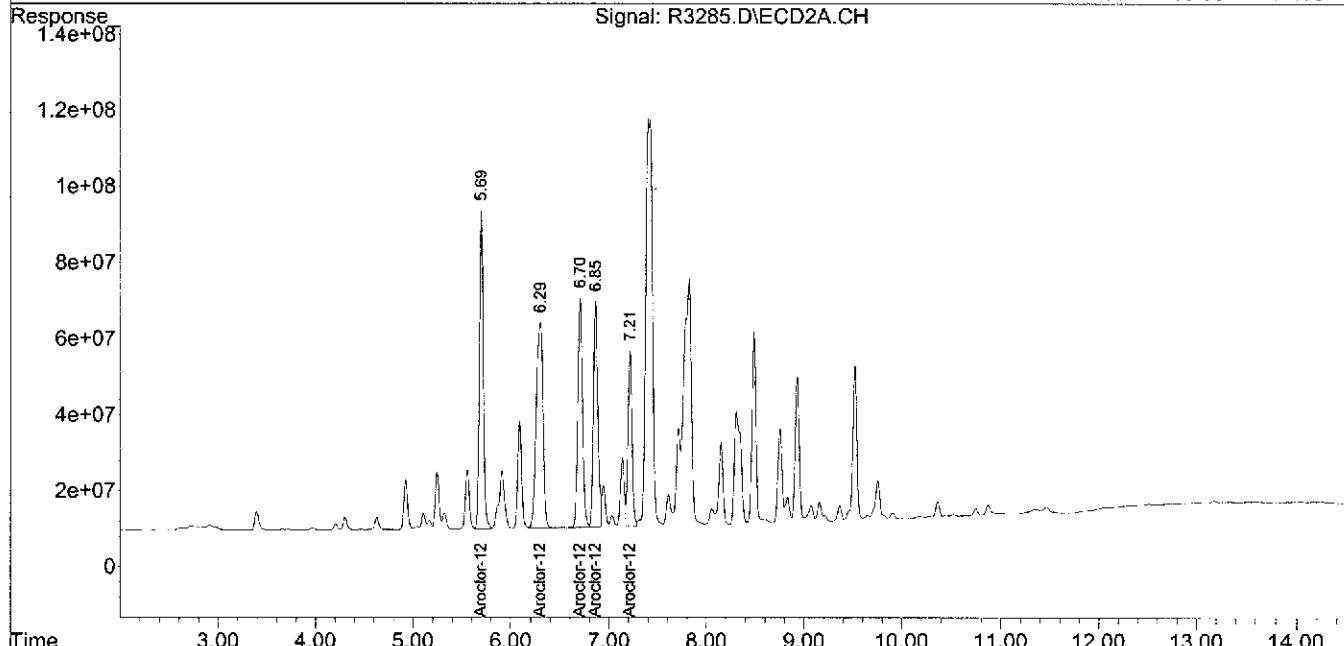
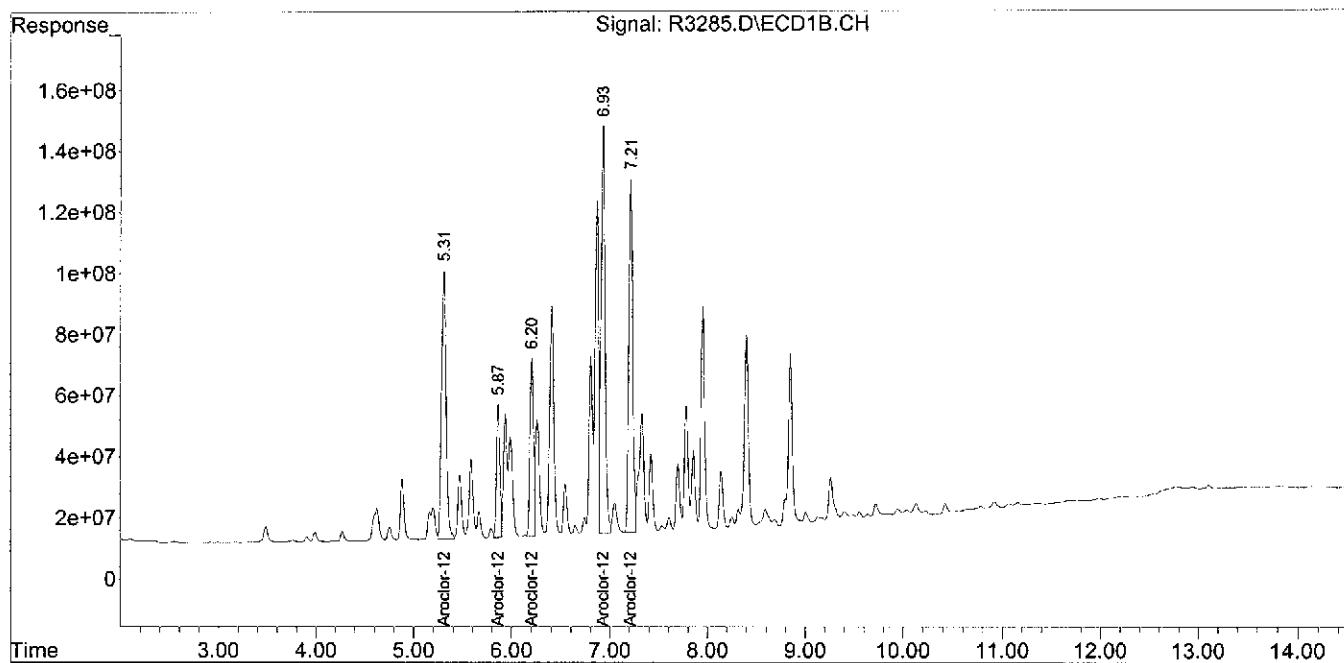
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3285.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 12:58
Operator : YG
Sample : O-20_(0-2.,07988-032,S,5.31g,8.80,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1000
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:32:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3286.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 13:16
 Operator : YG
 Sample : O-20_(2.0-,07988-033,S,5.09g,18.7,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,10
 ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:34:31 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.49	3.40	4393.2E6	3529.4E6	25.569m	24.518m
Spiked Amount	200.000			Recovery	=	12.78%
2) S DCB	13.10	13.17	1250.6E6	478.9E6	21.424	11.957m#
Spiked Amount	200.000			Recovery	=	10.71%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	10777.6E6	8196.2E6	1414.889	1467.623
24) L6 Aroclor-1248 {2}	5.86	6.30	2479.6E6	7205.2E6	577.992	902.296 #
25) L6 Aroclor-1248 {3}	6.20	6.70	1664.7E6	2804.7E6	303.055	469.943 #
26) L6 Aroclor-1248 {4}	6.93	6.85	3476.9E6	2320.3E6	408.083	454.420
27) L6 Aroclor-1248 {5}	7.21	7.21	3079.9E6	1223.4E6	430.213	423.649
Sum Aroclor-1248				21478.7E6	21749.8E6	3134.230
Average Aroclor-1248					626.846	743.586
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
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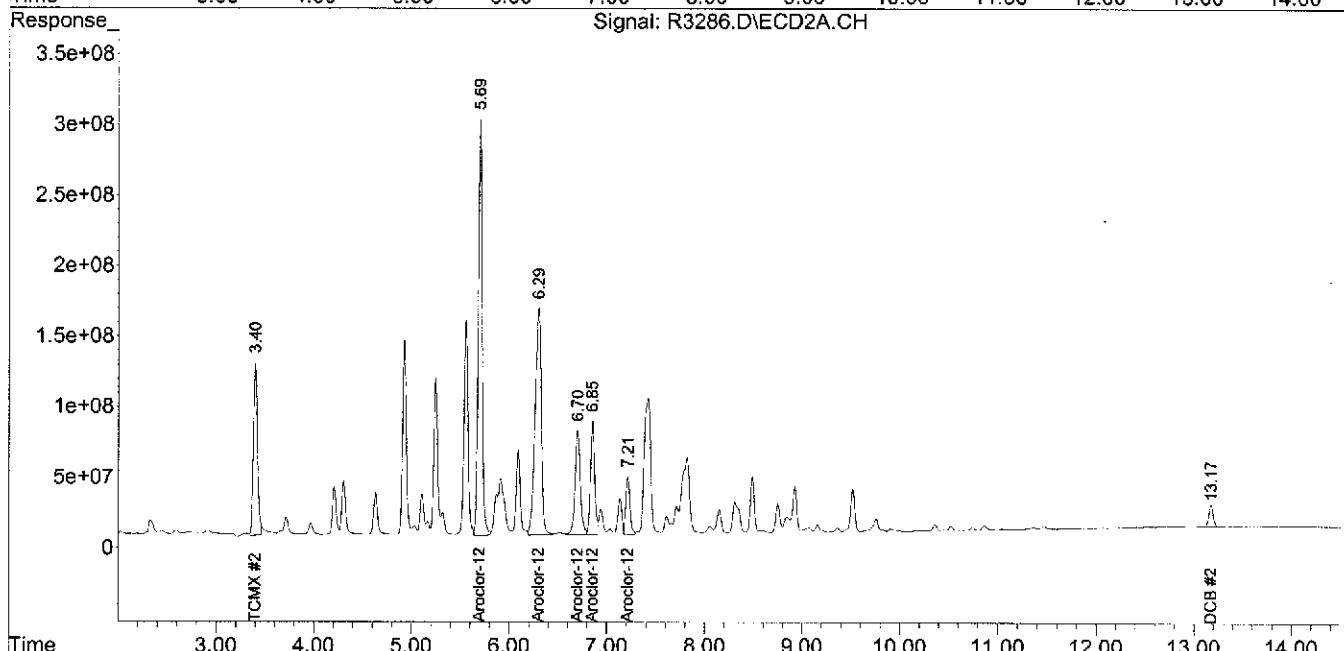
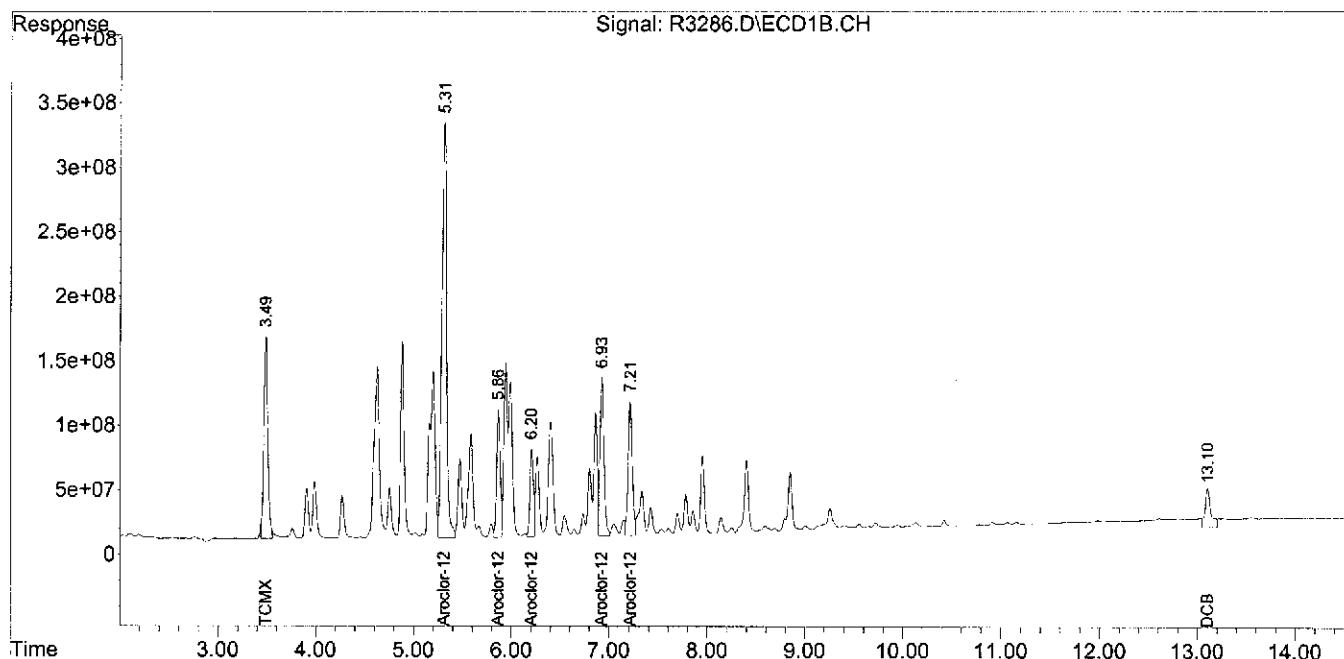
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3286.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 13:16
Operator : YG
Sample : O-20_(2.0-,07988-033,S,5.09g,18.7,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,10
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:34:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3287.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 13:33
 Operator : YG
 Sample : O-20_(4.0-,07988-034,S,5.30g,19.1,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:37:24 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :

Signal #2 Phase:
 Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1)	System Monitoring Compounds						
1)	S TCMX	3.47	3.38	37375.2E6	33127.4E6	217.528	230.131
	Spiked Amount	200.000				Recovery =	108.76% 115.07%
2)	S DCB	13.10	13.17	9478.2E6	5119.4E6	162.369	127.806
	Spiked Amount	200.000				Recovery =	81.18% 63.90%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
23)	L6 Aroclor-1248	5.30	5.69	297.7E6	251.1E6	39.076	44.957
24)	L6 Aroclor-1248 {2}	5.87	6.30	71329872	232.9E6	16.627	29.167 #
25)	L6 Aroclor-1248 {3}	6.20	6.65	40314763	239.8E6	7.339	40.175 #
26)	L6 Aroclor-1248 {4}	6.93	6.85	105.9E6	76650540	12.427	15.012
27)	L6 Aroclor-1248 {5}	7.21	7.21	89285181	42311054	12.472m	14.651
	Sum Aroclor-1248			604.5E6	842.7E6	87.941	143.962
Average	Aroclor-1248					17.588	28.792
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

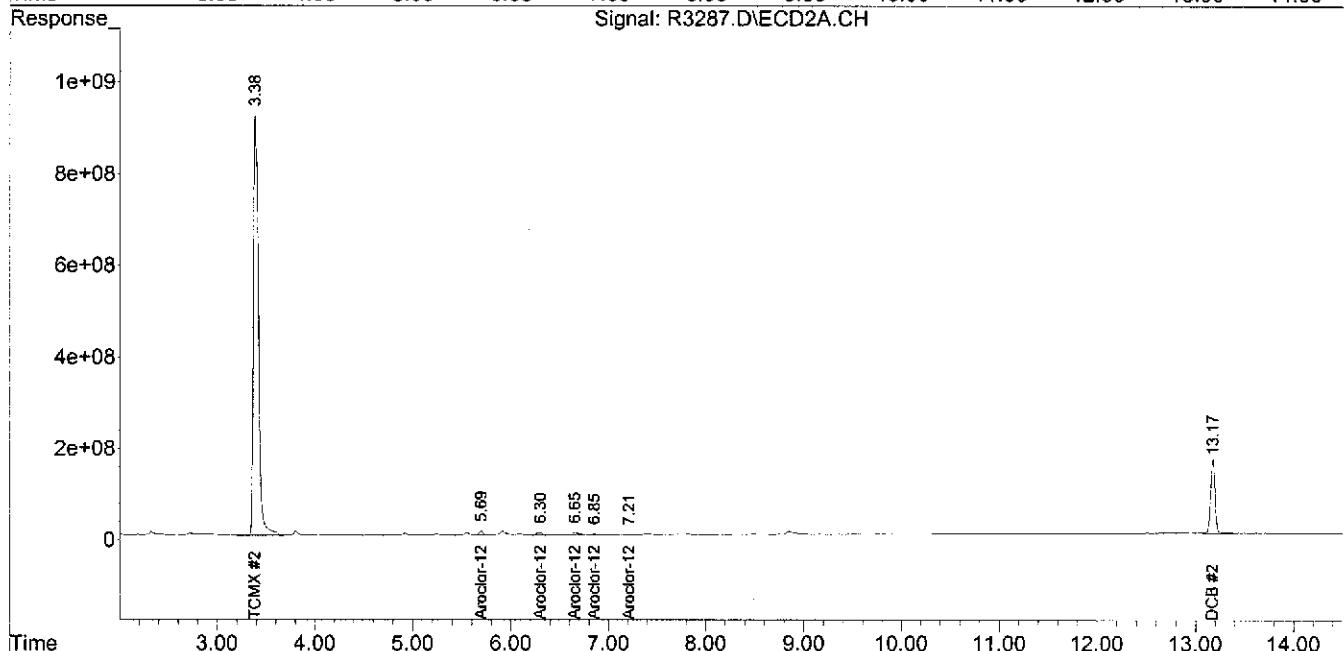
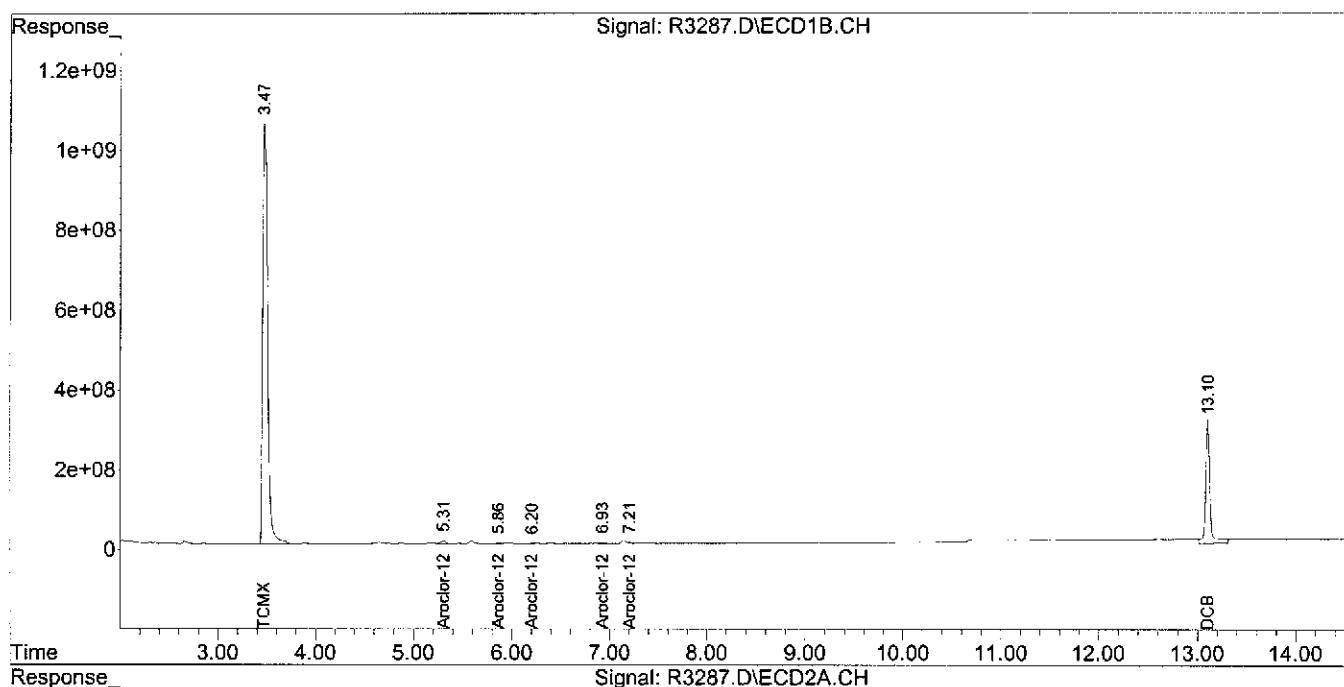
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3287.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 13:33
Operator : YG
Sample : O-20_(4.0-,07988-034,S,5.30g,19.1,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:37:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
 Data File : R3334.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 21 Aug 2012 3:51
 Operator : YG
 Sample : I-33_(0-2.,07988-035,S,5.71g,17.0,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,100
 ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 17:00:06 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
----------	------	------	--------	--------	------	------

System Monitoring Compounds

Target Compounds

Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	1153.1E6	1044.8E6	151.381	187.086
24) L6 Aroclor-1248 {2}	5.87	6.29	683.5E6	1717.8E6	159.315	215.116 #
25) L6 Aroclor-1248 {3}	6.21	6.70	899.8E6	1405.5E6	163.802	235.493 #
26) L6 Aroclor-1248 {4}	6.93	6.85	1866.1E6	1158.1E6	219.017	226.803
27) L6 Aroclor-1248 {5}	7.21	7.21	1406.5E6	638.3E6	196.469	221.038
Sum Aroclor-1248			6008.9E6	5964.5E6	889.984	1085.535
Average Aroclor-1248					177.997	217.107
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

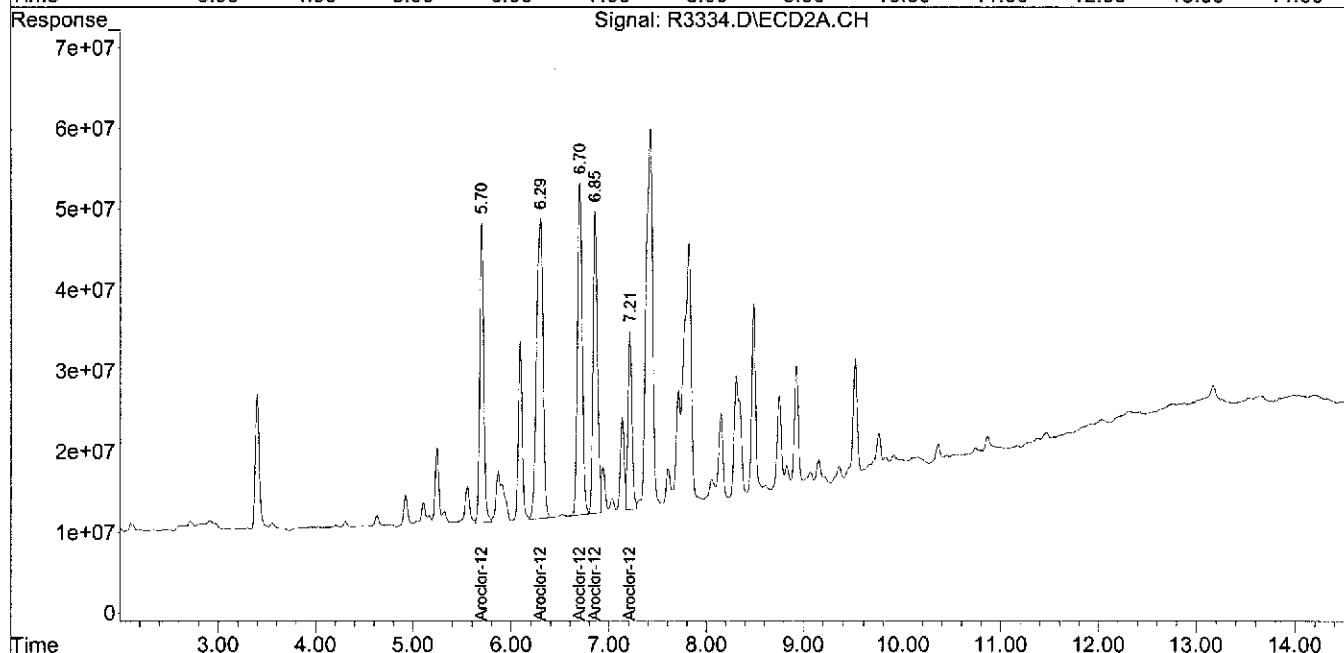
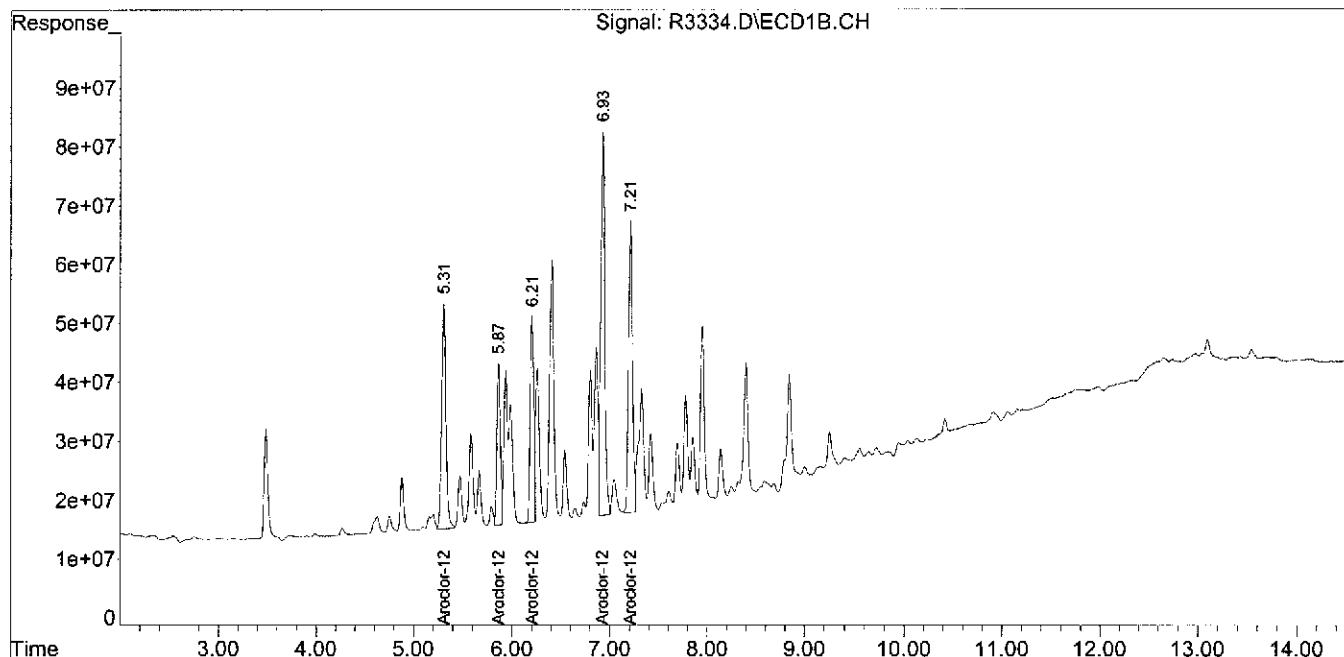
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3334.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 3:51
Operator : YG
Sample : I-33_(0-2.,07988-035,S,5.71g,17.0,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,100
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 17:00:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3289.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 14:08
 Operator : YG
 Sample : I-33_(2.0-,07988-036,S,5.18g,8.80,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:39:09 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
<hr/>								
	System Monitoring Compounds							
1) S	TCMX	3.47	3.38	39599.6E6	33096.6E6	230.474	229.917	
	Spiked Amount	200.000			Recovery	= 115.24%	114.96%	
2) S	DCB	13.10	13.17	9728.0E6	5116.2E6	166.650	127.727	
	Spiked Amount	200.000			Recovery	= 83.33%	63.86%	
<hr/>								
Target Compounds								
	Sum Aroclor-1016			0	0	N.D.	N.D.	
Average	Aroclor-1016					0.000	0.000	
	Sum Aroclor-1221			0	0	N.D.	N.D.	
Average	Aroclor-1221					0.000	0.000	
	Sum Aroclor-1232			0	0	N.D.	N.D.	
Average	Aroclor-1232					0.000	0.000	
	Sum Aroclor-1242			0	0	N.D.	N.D.	
Average	Aroclor-1242					0.000	0.000	
23) L6	Aroclor-1248	5.30	5.69	113.2E6	108.6E6	14.865	19.442m#	
24) L6	Aroclor-1248	{2}	5.86	6.29	73424707	209.6E6	17.115	26.244 #
25) L6	Aroclor-1248	{3}	6.20	6.70	79790169	117.7E6	14.526	19.725 #
26) L6	Aroclor-1248	{4}	6.93	6.85	170.5E6	88722990	20.013	17.376
27) L6	Aroclor-1248	{5}	7.21	7.21	135.3E6	78952981	18.896	27.340 #
	Sum Aroclor-1248				572.2E6	603.5E6	85.415	110.127
Average	Aroclor-1248						17.083	22.025
	Sum Aroclor-1254			0	0	N.D.	N.D.	
Average	Aroclor-1254					0.000	0.000	
	Sum Aroclor-1260			0	0	N.D.	N.D.	
Average	Aroclor-1260					0.000	0.000	
	Sum Aroclor-1262			0	0	N.D.	N.D.	
Average	Aroclor-1262					0.000	0.000	
	Sum Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	
<hr/>								

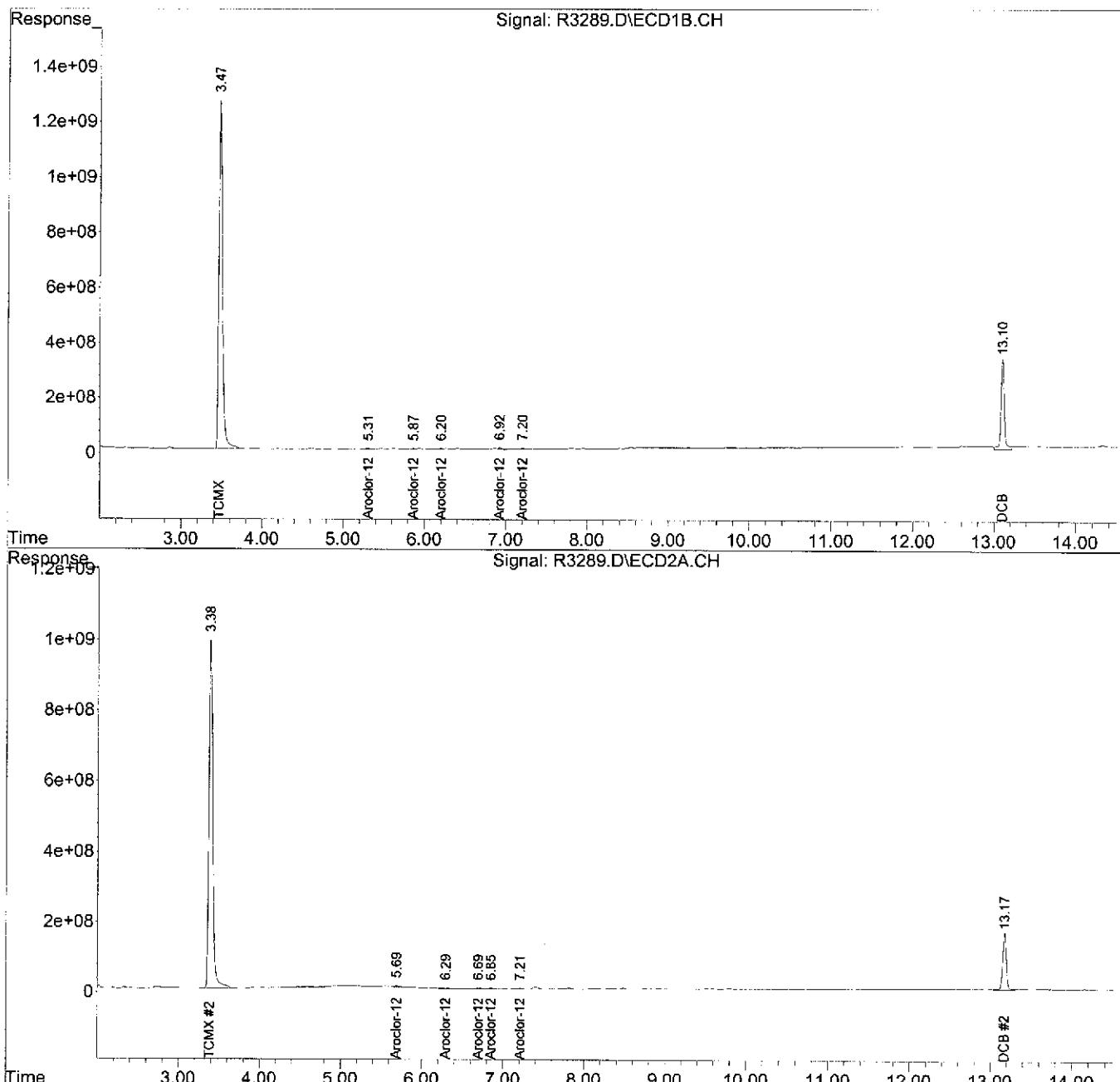
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3289.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 14:08
Operator : YG
Sample : I-33_(2.0-,07988-036,S,5.18g,8.80,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:39:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3290.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 14:26
 Operator : YG
 Sample : I-33_(4.0-,07988-037,S,5.37g,21.7,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:42:23 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :

Signal #2 Phase:
 Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.49	3.40	39177.0E6	32669.7E6	228.015	226.952
Spiked Amount	200.000			Recovery	= 114.01%	113.48%
2) S DCB	13.10	13.17	9230.4E6	4657.8E6	158.126	116.282 #
Spiked Amount	200.000			Recovery	= 79.06%	58.14%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.88	5.32	2714.6E6	572.8E6	753.021	330.168 #
19) L5 Aroclor-1242 {2}	5.87	6.09	2066.3E6	1401.2E6	896.712	477.020 #
20) L5 Aroclor-1242 {3}	6.21	6.70	2219.1E6	2951.1E6	682.553	751.568
21) L5 Aroclor-1242 {4}	6.93	6.85	1745.4E6	1965.1E6	373.253	595.058 #
22) L5 Aroclor-1242 {5}	7.21	7.39	1054.3E6	1977.3E6	238.152	641.754 #
Sum Aroclor-1242			9799.7E6	8867.5E6	2943.691	2795.567
Average Aroclor-1242					588.738	559.113
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

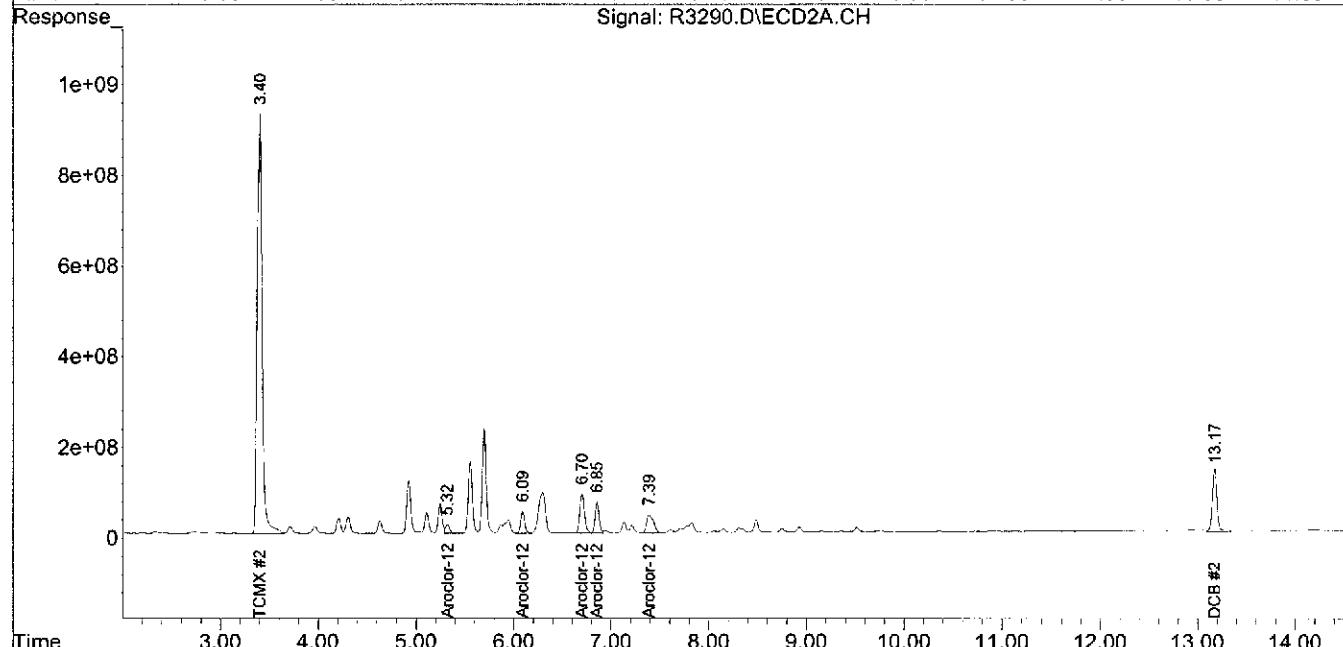
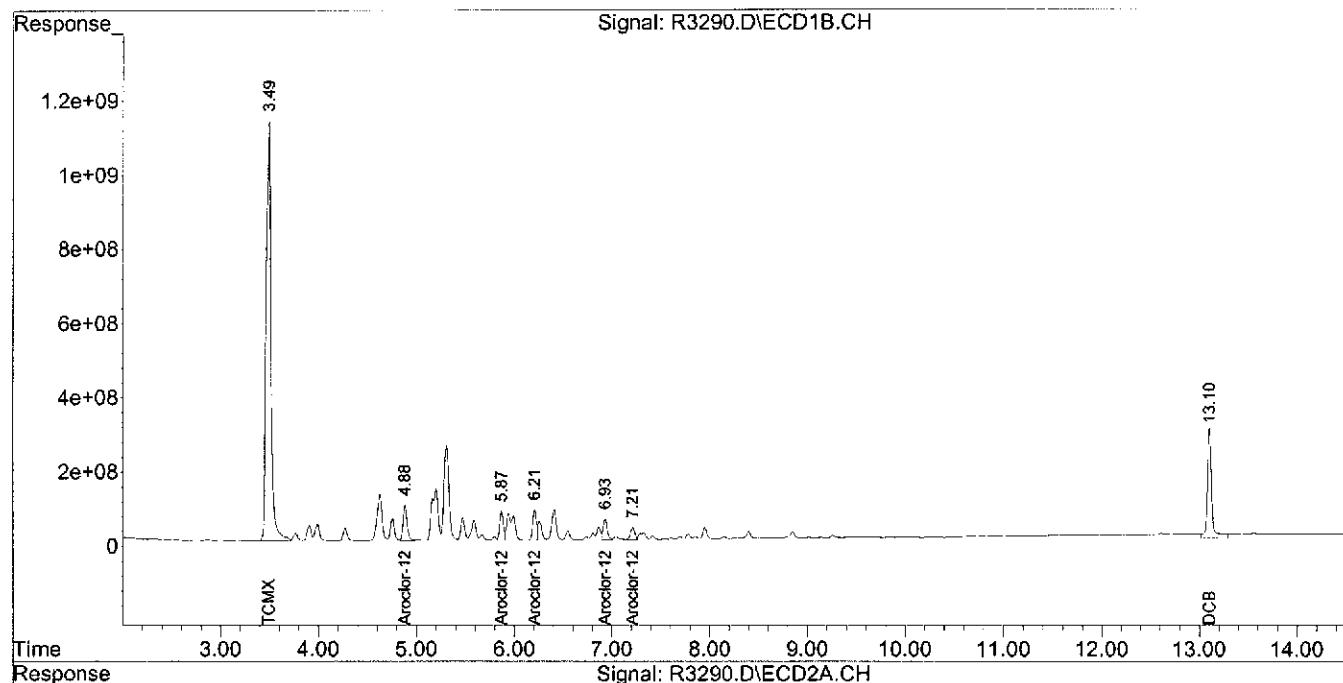
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3290.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 14:26
Operator : YG
Sample : I-33_(4.0-,07988-037,S,5.37g,21.7,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:42:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
 Data File : R3335.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 21 Aug 2012 4:08
 Operator : YG
 Sample : I-33_(4.75,07988-038,S,5.35g,71.5,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1000
 ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 15:16:10 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	7434.1E6	5720.0E6	975.954	1024.226
24) L6 Aroclor-1248 {2}	5.87	6.29	2607.3E6	5815.0E6	607.771	728.205
25) L6 Aroclor-1248 {3}	6.21	6.70	2522.3E6	3757.3E6	459.190	629.551
26) L6 Aroclor-1248 {4}	6.93	6.85	6271.3E6	3269.8E6	736.056	640.369
27) L6 Aroclor-1248 {5}	7.21	7.21	4260.5E6	2066.9E6	595.129	715.715
Sum Aroclor-1248			23095.7E6	20628.9E6	3374.101	3738.066
Average Aroclor-1248					674.820	747.613
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

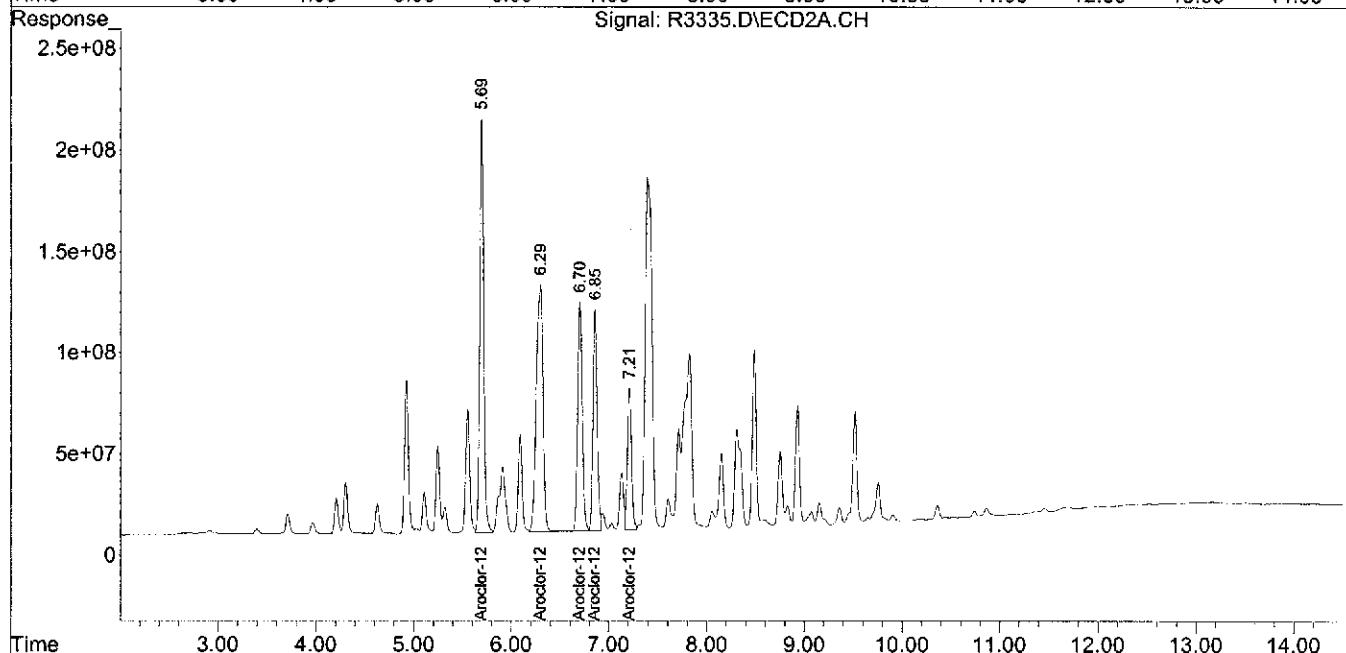
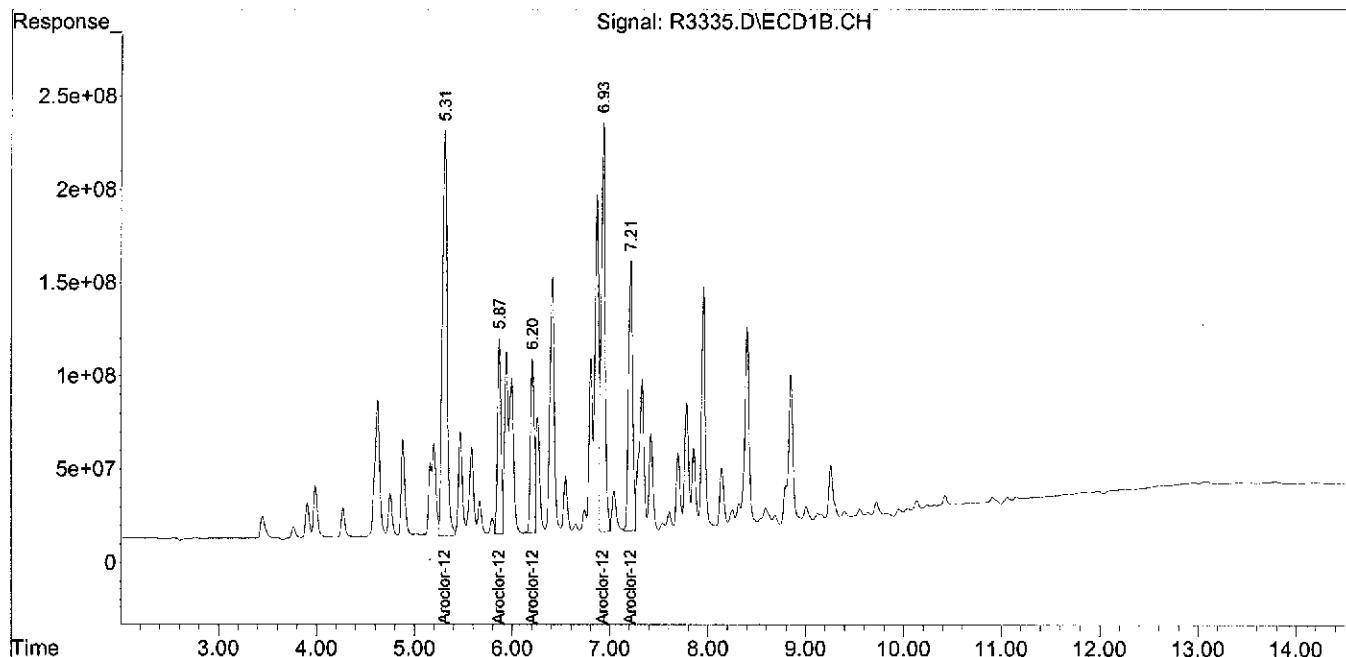
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3335.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 4:08
Operator : YG
Sample : I-33_(4.75,07988-038,S,5.35g,71.5,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1000
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:16:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
 Data File : R3438.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 23 Aug 2012 20:46
 Operator : YG
 Sample : H-36_(5.5-,07988-039,S,5.26g,67.0,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 24 15:49:29 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
	System Monitoring Compounds						
1) S	TCMX	3.47	3.38	40173.7E6	33618.0E6	233.816	233.539
	Spiked Amount	200.000			Recovery	= 116.91%	116.77%
2) S	DCB	13.10	13.16	12553.2E6	7414.1E6	215.048m	185.094m
	Spiked Amount	200.000			Recovery	= 107.52%	92.55%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average	Aroclor-1242					0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average	Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000
<hr/>							

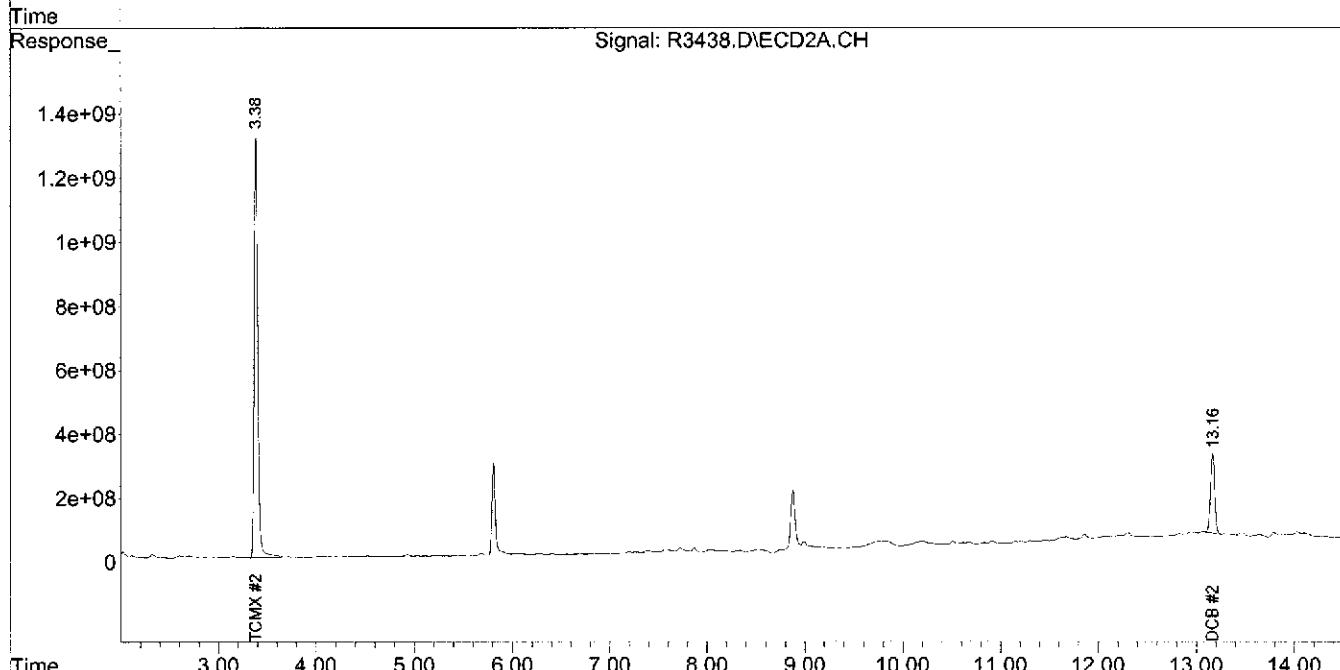
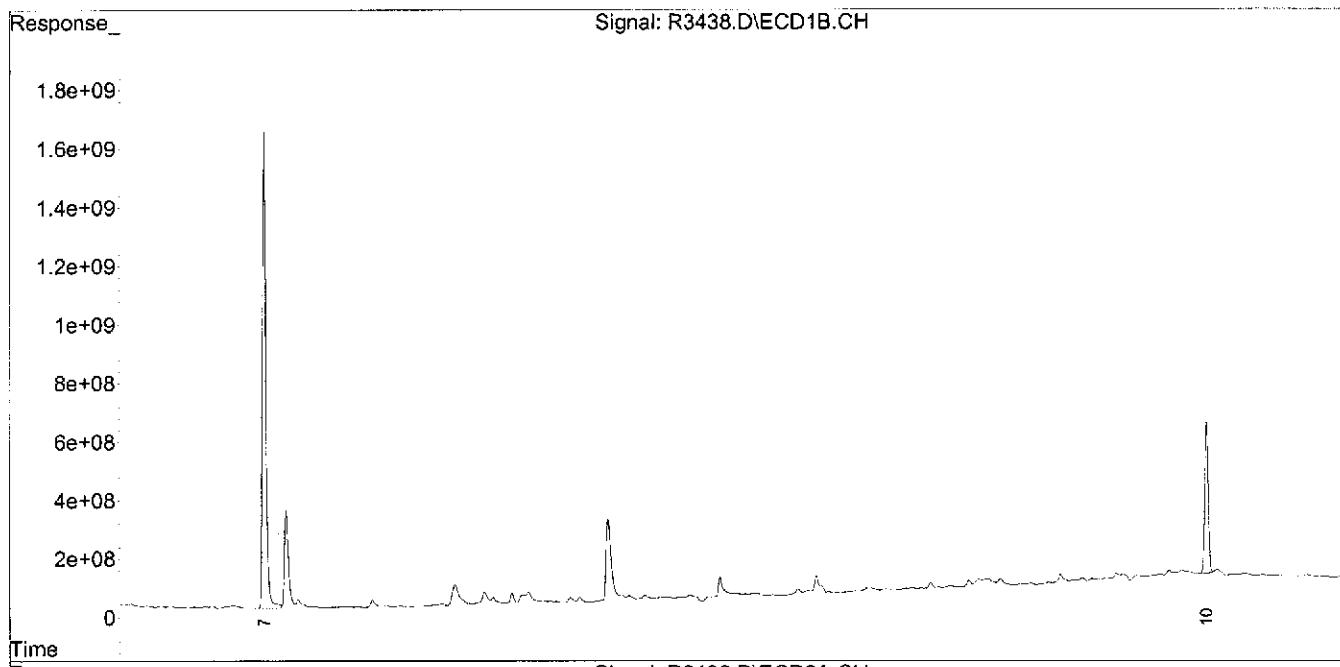
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : R3438.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 20:46
Operator : YG
Sample : H-36_(5.5-,07988-039,S,5.26g,67.0,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:49:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3293.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 15:18
 Operator : YG
 Sample : H-36_(6.0-,07988-040,S,5.06g,23.5,08/09/12,4
 Misc : 120809-02,08/07/12,08/07/12,1
 ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 17:49:36 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase :
 Signal #1 Info :

Signal #2 Phase:
 Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	36937.0E6	32470.3E6	214.978	225.566
Spiked Amount	200.000				Recovery =	107.49% 112.78%
2) S DCB	13.10	13.17	7237.9E6	4752.4E6	123.991	118.645
Spiked Amount	200.000				Recovery =	62.00% 59.32%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

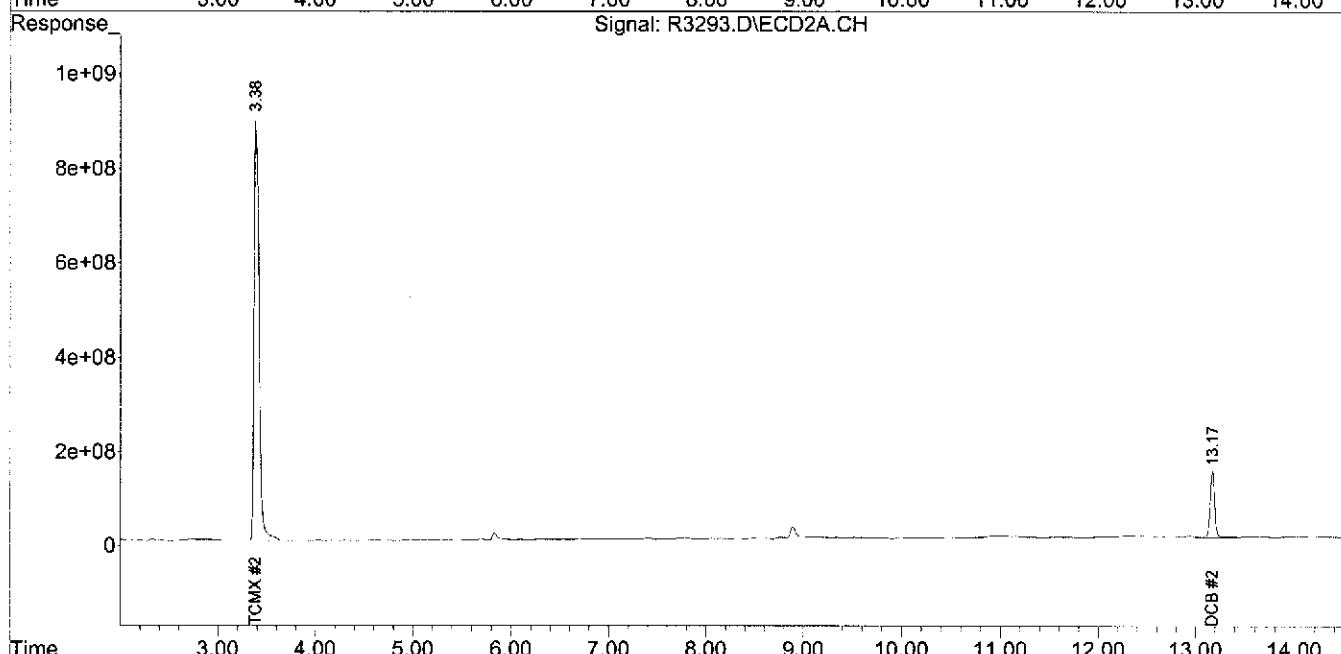
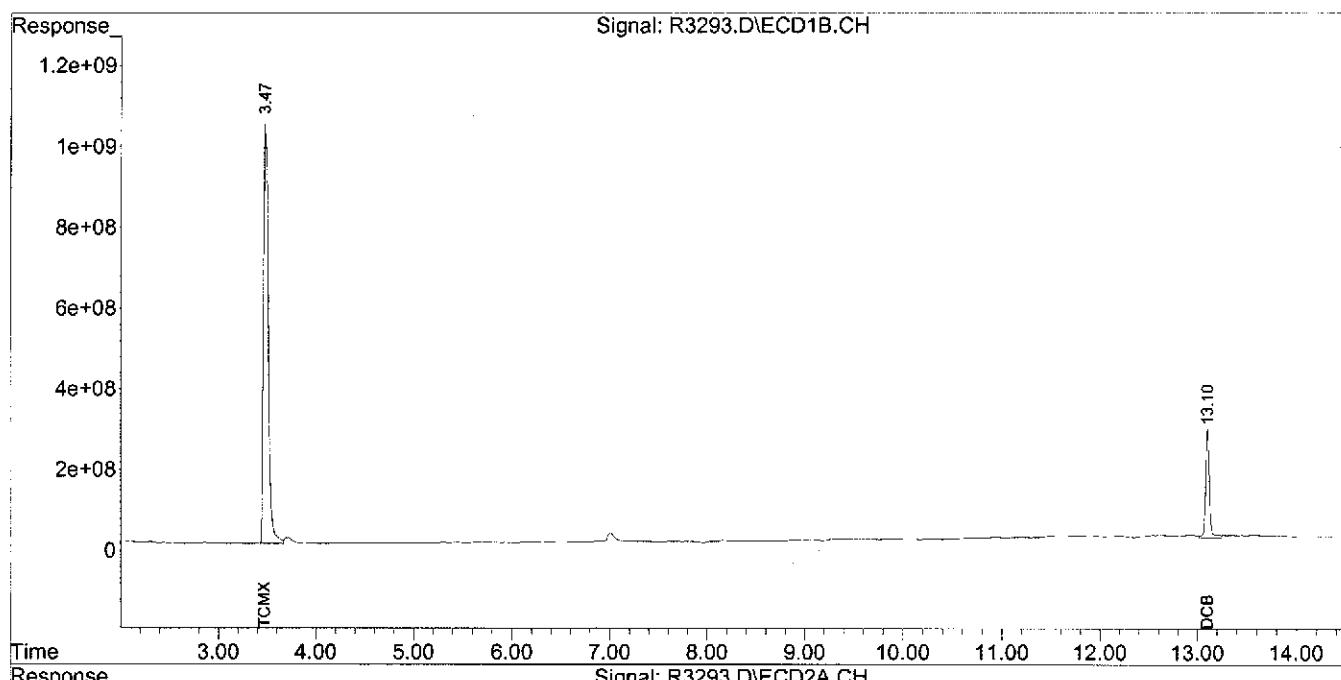
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3293.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 15:18
Operator : YG
Sample : H-36_(6.0-,07988-040,S,5.06g,23.5,08/09/12,4
Misc : 120809-02,08/07/12,08/07/12,1
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 17:49:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\08-14-12\
 Data File : Y8463.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 Aug 2012 2:12
 Operator : YG
 Sample : FB-27,07988-042,A,1000ml,100,08/13/12,1
 Misc : 120813-05,08/07/12,08/07/12,1
 ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 20 13:28:27 2012
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
 Quant Title :
 QLast Update : Tue Jul 31 12:56:15 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

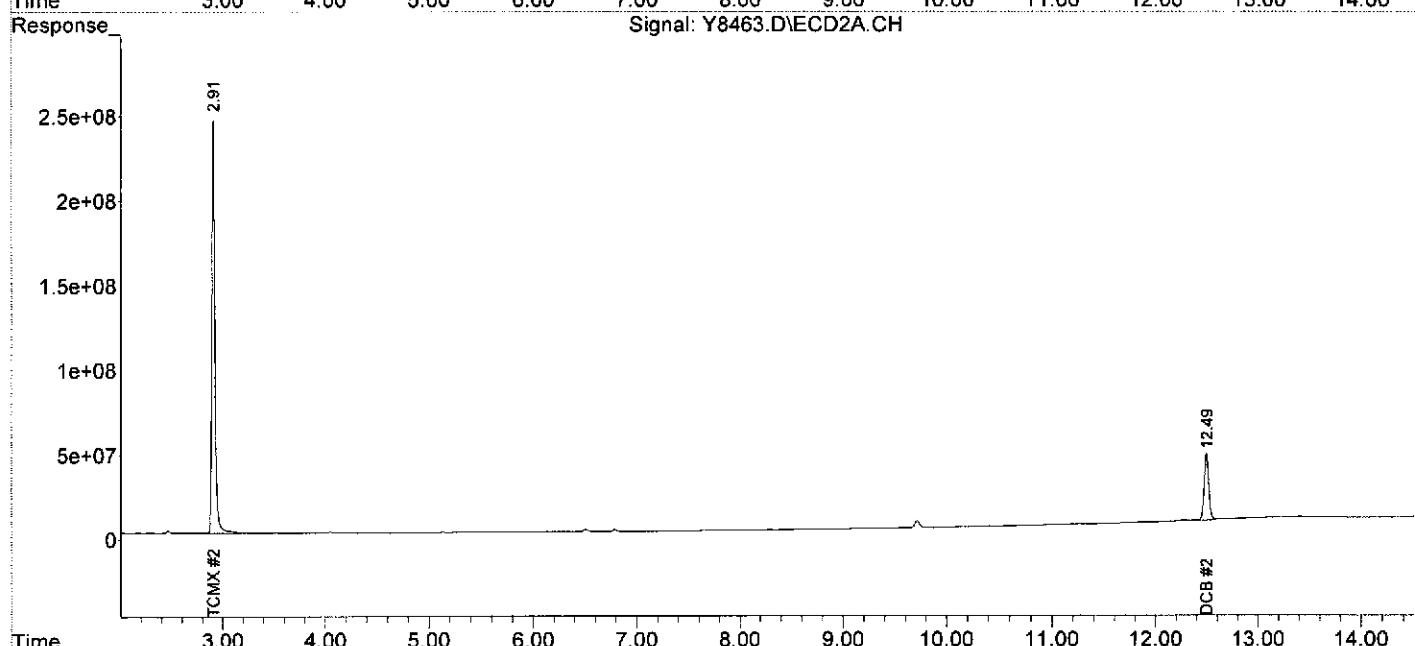
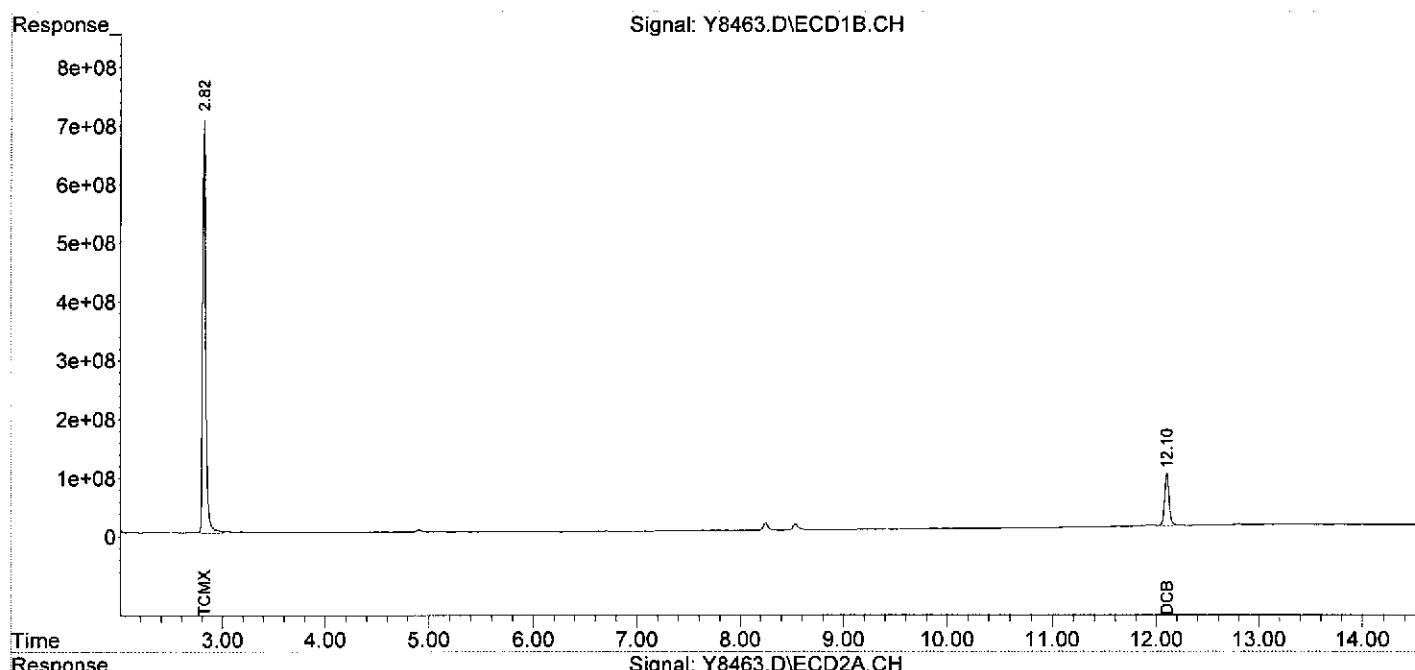
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.82	2.91	15035.9E6	5167.3E6	158.155	147.836
Spiked Amount	200.000			Recovery	= 79.08%	73.92%
2) S DCB	12.10	12.49	2756.3E6	1222.0E6	133.748m	142.202m
Spiked Amount	200.000			Recovery	= 66.87%	71.10%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\08-14-12\
Data File : Y8463.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 Aug 2012 2:12
Operator : YG
Sample : FB-27,07988-042,A,1000ml,100,08/13/12,1
Misc : 120813-05,08/07/12,08/07/12,1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 20 13:28:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKA120813-05
Client ID: PCB
Date Received: NA
Date Extracted: 08/13/2012
Date Analyzed: 08/14/2012
Data file: Y8448.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous- μ g/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-14-12\
 Data File : Y8448.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 Aug 2012 21:54
 Operator : YG
 Sample : PCB,BLKA120813-05,A,1000ml,100,08/13/12,1
 Misc : NA,NA,NA,1
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 20 13:17:17 2012
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
 Quant Title :
 QLast Update : Tue Jul 31 12:56:15 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.82	2.91	17109.2E6	5813.0E6	179.962	166.311
Spiked Amount	200.000			Recovery	=	89.98%
2) S DCB	12.10	12.49	3174.5E6	1390.1E6	154.041m	161.761m
Spiked Amount	200.000			Recovery	=	77.02%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

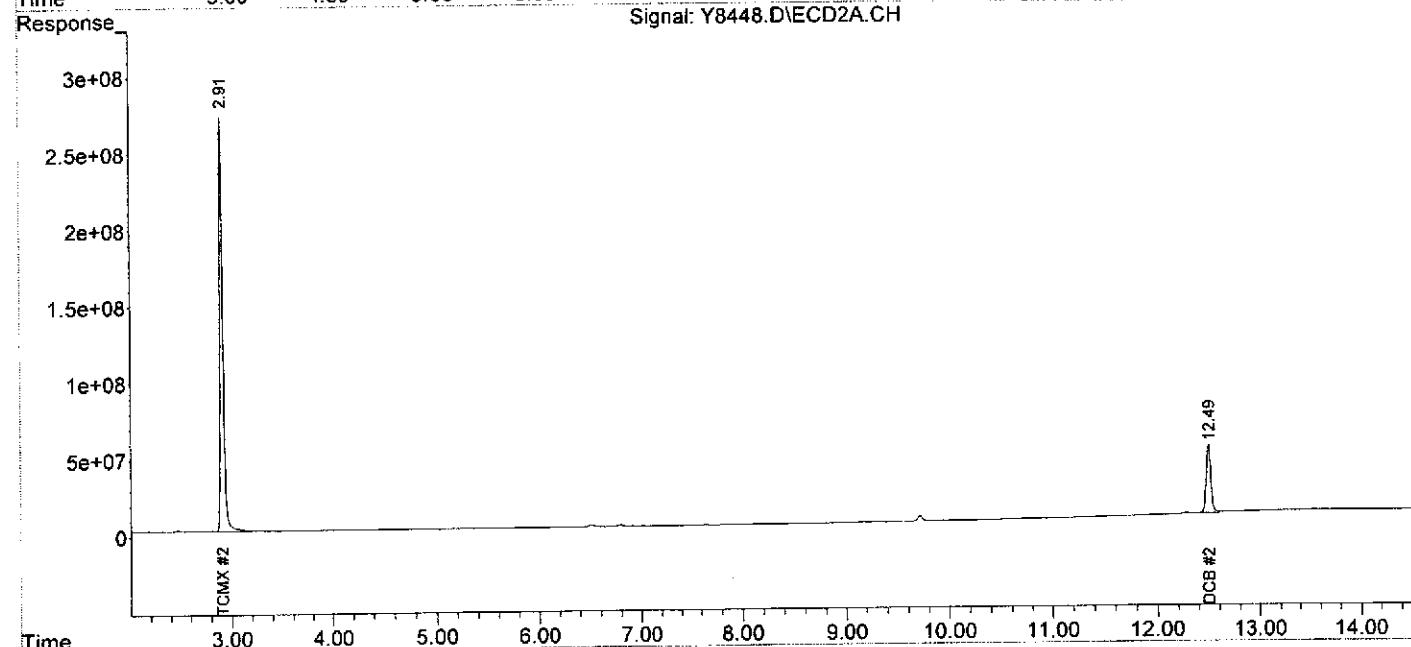
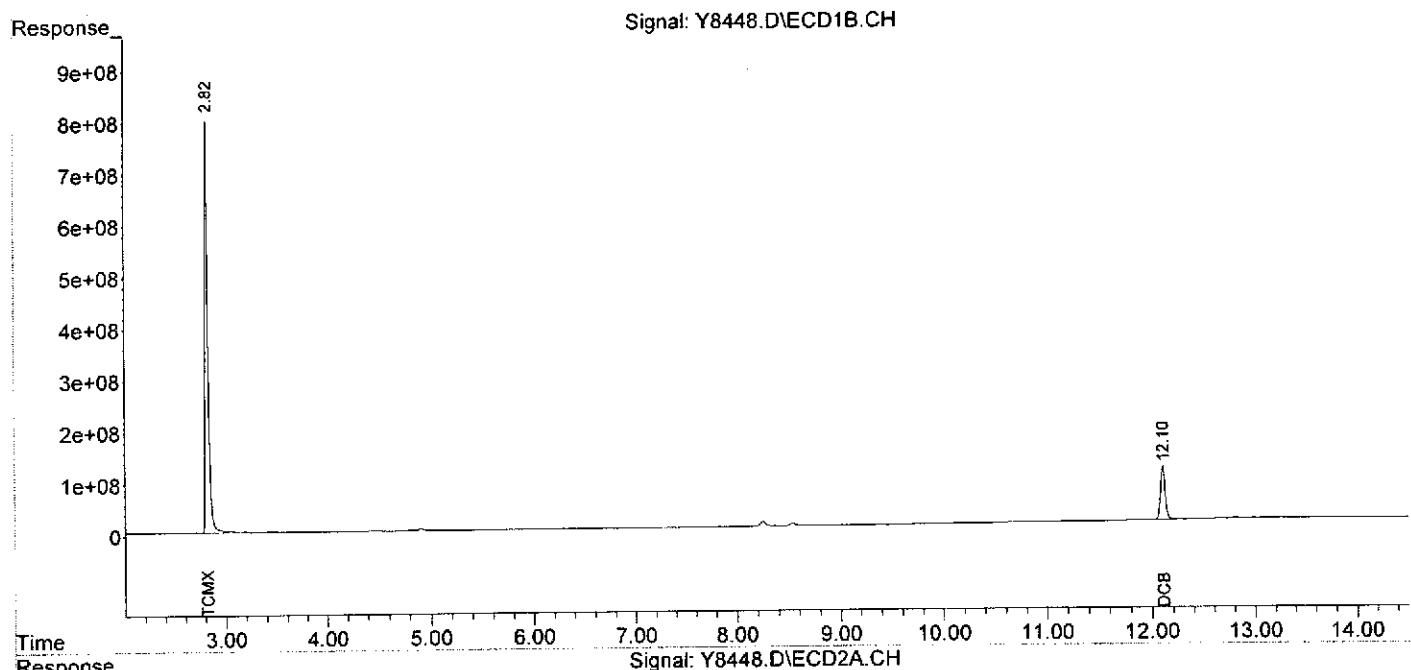
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-14-12\
Data File : Y8448.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Aug 2012 21:54
Operator : YG
Sample : PCB, BLKA120813-05,A,1000ml,100,08/13/12,1
Misc : NA,NA,NA,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 20 13:17:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKS120809-01
Client ID: PCB
Date Received: NA
Date Extracted: 08/09/2012
Date Analyzed: 08/19/2012
Data file: R3247.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3247.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 Aug 2012 16:56
 Operator : YG
 Sample : PCB, BLKS120809-01, S, 5.00g, 0, 08/09/12, 4
 Misc : NA, NA, NA, 1
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 09:49:18 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	45689.6E6	34455.9E6	265.919	239.360
Spiked Amount	200.000			Recovery =	132.96%	119.68%
2) S DCB	13.10	13.17	10249.9E6	5499.9E6	175.589	137.304
Spiked Amount	200.000			Recovery =	87.79%	68.65%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

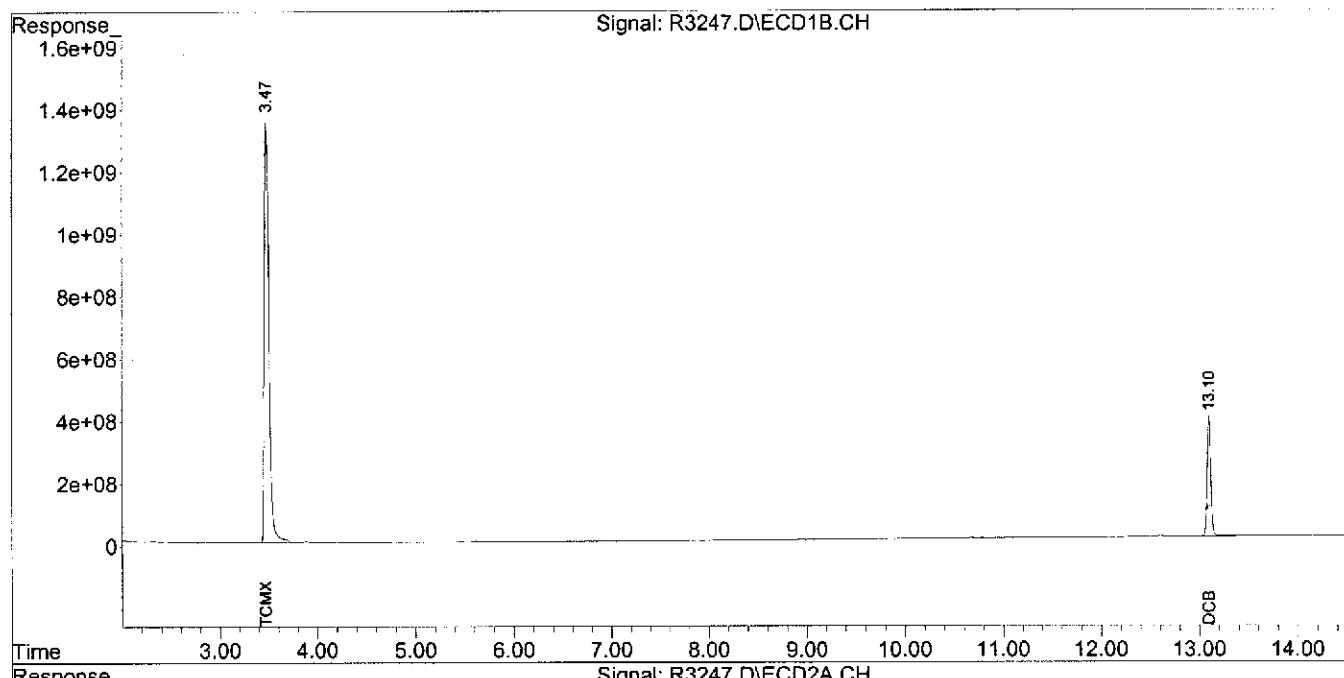
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3247.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Aug 2012 16:56
Operator : YG
Sample : PCB, BLKS120809-01, S, 5.00g, 0, 08/09/12, 4
Misc : NA,NA,NA,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 09:49:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKS120809-02

Client ID: PCB

Date Received: NA

Date Extracted: 08/09/2012

Date Analyzed: 08/20/2012

Data file: R3273.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
 Data File : R3273.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 Aug 2012 9:29
 Operator : YG
 Sample : PCB,BLKS120809-02,S,5.00g,0,08/09/12,4
 Misc : NA,NA,NA,1
 ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: Aug 22 16:55:34 2012
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
 Quant Title :
 QLast Update : Fri Aug 03 16:36:50 2012
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	3.47	3.38	37407.9E6	31936.1E6	217.718	221.856
Spiked Amount	200.000				Recovery =	108.86% 110.93%
2) S DCB	13.10	13.17	7348.4E6	5019.8E6	125.884	125.320
Spiked Amount	200.000				Recovery =	62.94% 62.66%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

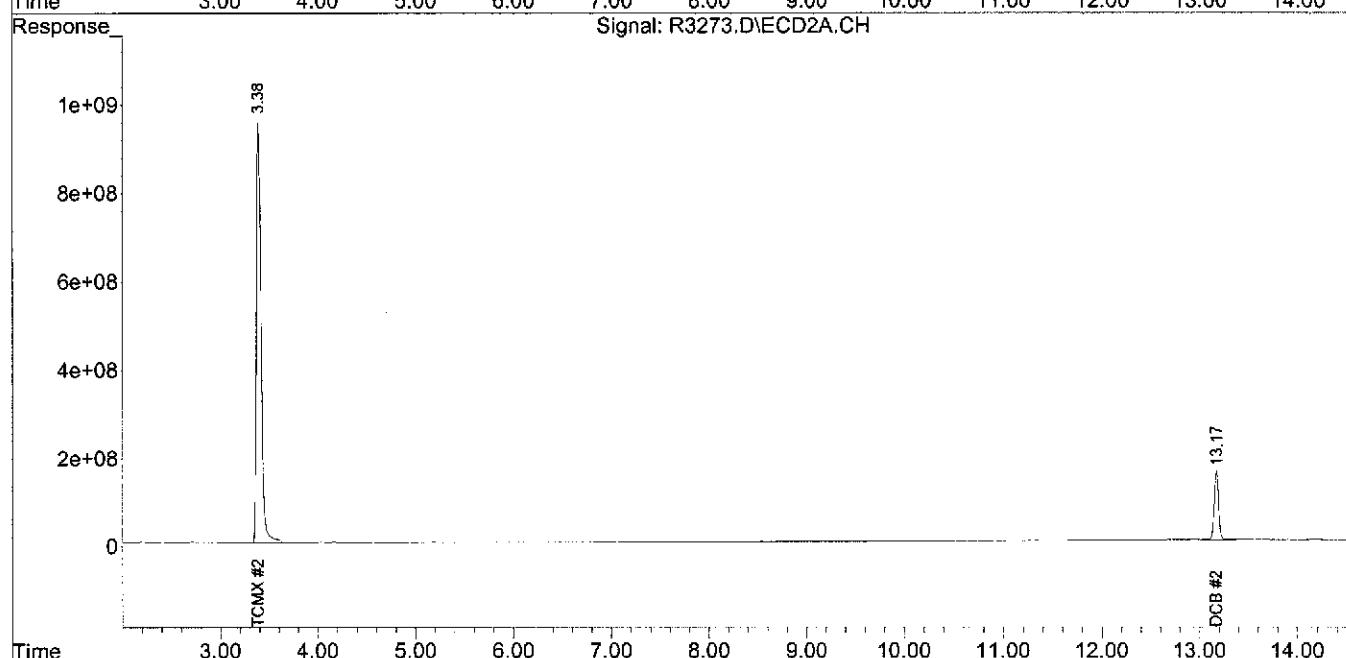
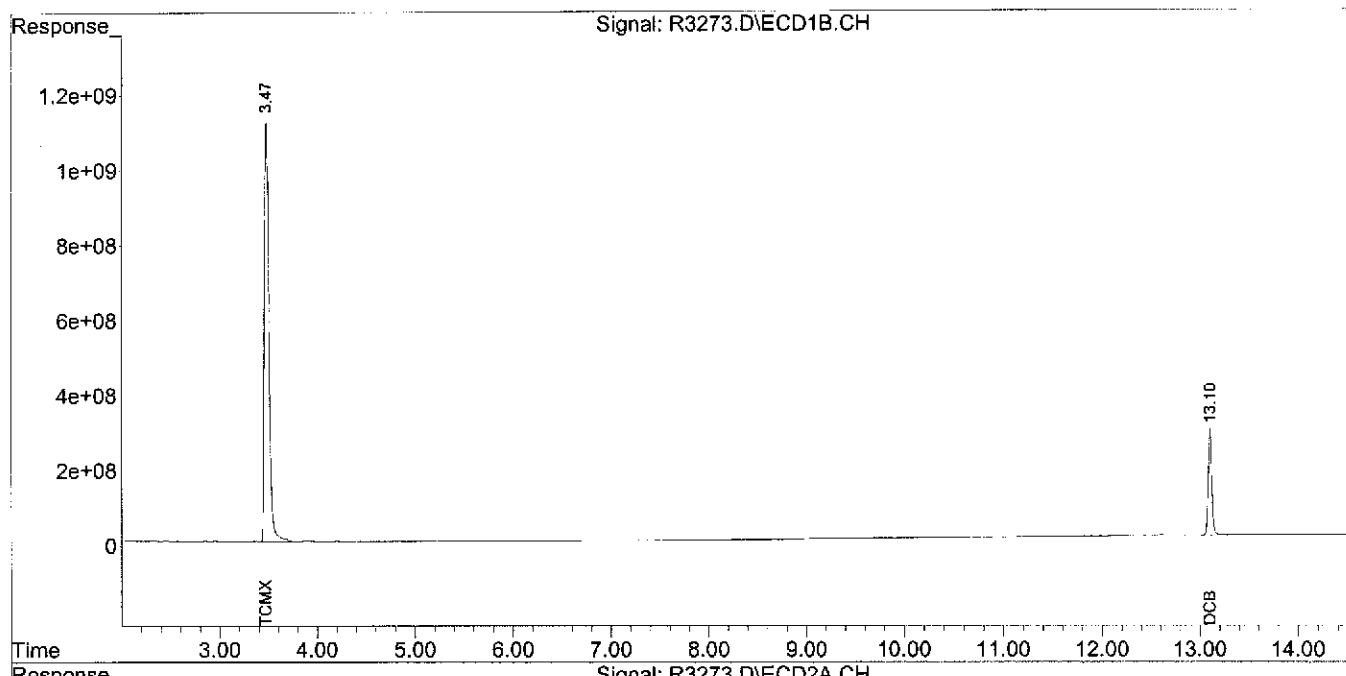
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3273.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 9:29
Operator : YG
Sample : PCB, BLKS120809-02, S, 5.00g, 0, 08/09/12, 4
Misc : NA,NA,NA,1
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 16:55:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



SAMPLE TRACKING



Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07866

Contact Us: 973 361-4262
fax: 973 888-5268
Web: www.ialonline.com

Customer Info		Report Info	
Company: IMC Environmental Consultants, Inc.	REPORT TO:	James Clabby	
Address: 2109 Bridge Ave., Bldg. B	Address:	same	
Point Pleasant, NJ 07872			
Telephone #: (732) 295-2144	Attn:		
Fax #: (732) 295-2150	FAX # (732) 295-2150		
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.	
E-MAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court		
Sampler: Allen Hollgreen, Steve Keach	Port Washington, NY 11050		
Project Name: Anyenco	(with copy to: IMC Environmental (attn.: J. Clabby))		
Project Location (State): NJ	Attn: Ed Kelly		
Bottle Order #:	PO # 22126		
Quote #: SR041205			

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE.

TEST - MARK CHROME		Rush TAT Charge **	Report Format	EDD's
NJ EPH DRO (5 day TAT)		NJ EPH Fractionated (5 day TAT)		
NJ EPH - C40 (5 day TAT)				
DRO-8015 (3-5 day TAT)		QAM025 (5 day TAT)		
Verbal/TWX: Std 2 wk unless otherwise specified				
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**				
Other** (specify):				
Hard Copy: Std 3 week *		Other - call for price		
				Cooler Temp <4 °C

SAMPLE INFORMATION								ANALYTICAL PARAMETERS						# BOTTLES & PRESERVATIVES							
Client ID		Depth (ft only)		Sample Matrix																	
Date	Time	Matrix	# containers	ZAL #	TCL PCB (2002)																
W-13 (0-2.0)	8/7/12 9:40	S	1	1	x																
W-13 (2.0-4.0)	9:41	S	1	2	x																
W-13 (4.0-4.25)	9:42	S	1	3	x																
W-13 (4.25-6.0)	9:43	S	1	4	x																
W-12 (0-2.0)	9:54	S	1	5	x																
W-12 (2.0-3.25)	9:55	S	1	6	x																
W-12 (3.25-4.0)	9:56	S	1	7	x																
W-12 (4.0-(0.0))	9:57	S	1	8	x																

Known Hazard: Yes or No

Describe: Cone. Expected: Low Med High

MDL Req: GWQS (1/95) - SRS - SRS/GW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):	IAL Courier	Client Courier	Pad/UPS		
Signature/Comments	Date	Time	Signature/Comments	Date	Time
Received by: <i>[Signature]</i>	8/7/12	15:23	Received by: <i>[Signature]</i>	8/7/12	15:25
Received by: <i>[Signature]</i>	8/7/12	17:05	Received by: <i>[Signature]</i>	8/7/12	17:05
Received by:			Received by:		
Received by:			Received by:		
Received by:			Received by:		

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

Comments:

Lab Case #

0988

PAGE: 1 of 6



Integrated Analytical Lab
279 Franklin Rd
Randolph, NJ 07868

Contact Us: 973-361-4282
Fax: 973-361-5288
Web: www.ialonline.com

Turnaround Time starts the following day if samples rec'd at lab > 5PM)

* Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. ** RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

REPORT TO:		James Chabot	
Address:		same	
Phone Number: NJ 08742			
Telephone #: (732) 295-2144			
Fax #: (732) 295-2150			
Project Manager: James Chabot		INVOICE TO: Astro Corp.	
E-mail Address: jchabot@jmcenvironmental.com		Address: 4 Th Fisher Court	
Supplier: Alan Bergman, Steve Koch		Post Washington, NY 10580	
Project Name: Argusco		(with copy to: IALC Environmental (atk: J. Chabot))	
Project Location (State): NJ		Attn: Ed Kelly	
Bottle Order #: PO# 22126			
Quote #: SRS04295			
SAMPLE INFORMATION			
Sample Matrix: DW - Drinking Water AQ - Aqueous WV - Waste Water OG - Oil LIQ - Liquid (Specify) S - Soil SE - Sediment SM - Sed. W - Water			
Client ID	Depth (ft only)	Date	Time
S-30 (0-2.0)		8/17/12	10:25
S-30 (2.0-3.0)		10:26	5
S-30 (3.0-4.0)		10:27	10
S-30 (4.0-6.0)		10:28	11
T-31 (0-2.0)		10:46	12
T-31 (2.0-3.0)		10:46	13
T-31 (3.0-4.0)		10:47	14
T-31 (4.5-6.0)		10:48	15
Known Human Yes or No			
Described: Clean, Expected: Low Mod High			

MDL Reg: CWS (d) 1465 - SRS - SWS/GW - SWS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): <input checked="" type="checkbox"/> Al Courier <input type="checkbox"/> Client Courier <input type="checkbox"/> Field Office	Date:	Time:	Date:	Time:
Submitted by: <i>James Chabot</i>	8/17/12	10:25	8/17/12	15:25
Received by: <i>John Sp</i>	8/17/12	17:03	8/17/12	17:03
Submitted by:			Received by:	
Submitted by:			Received by:	

Lab Case #: *07988* | Page: *2* of *6*

LAB CASES - WRITE & TYPE ONLY, CLIENT COPY - PRINT



Integrated Analytical Lab
273 Franklin Rd
Brentwood, NJ 07003

Contact Us: 973-361-0252
Fax: 973-986-0266
Web: www.ialonline.com

Company: IAC Environmental Consultants, Inc.	REPORT TO:	State/County
Address: 2109 Ridge Ave, Bldg. B	Address:	State
Fax: Plainfield, NJ 070742	Alt:	
Telephone #: (732) 205-2144	Alt:	
Fax #: (732) 205-2150	Alt:	
Project Manager: Jason Clabey	INVOICE TO:	Aero Corp.
EMAIL Address: jclabey@jasonenvironmental.com	Address: 411 Harbor Court	Port Washington, NY 11050
Computer: Acer Aspire, Steve Koch	With copy to: IAC Environmental (Attn: J. Clabey))	
Project Name: Anycon	Alt:	EJ Kelly
Project Location (State): NJ	Bottle Order #:	201-22126
Quote #: 85041285	Sample Details	

Turnaround Time starts the following day if samples rec'd at lab > 5PM)																																																																
*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																																																																
<table border="1"> <tr><td>INC. NAME: COMM</td><td>NJ EPA Standard 5 day TAT</td><td>NJ EPA Standard 3 day TAT</td></tr> <tr><td>NJ EPA DRD (5 day TAT)</td><td>24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 5 day - 25%... 6-9 day 10%</td><td>24 hr - Standard 48 hr - 100%... 72 hr - 75%... 96 hr - 50%... 112 hr - 35%... 5 day - 25%... 6-9 day 10%</td></tr> <tr><td>NJ EPA CDR (4 day TAT)</td><td>24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 112 hr - 25%... 120 hr - 10%</td><td>24 hr - Standard 48 hr - 100%... 72 hr - 75%... 96 hr - 50%... 112 hr - 35%... 120 hr - 25%... 128 hr - 10%</td></tr> <tr><td>DEQ-SD15 (4.5 day TAT)</td><td>24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 112 hr - 25%... 120 hr - 10%</td><td>24 hr - Standard 48 hr - 100%... 72 hr - 75%... 96 hr - 50%... 112 hr - 35%... 120 hr - 25%... 128 hr - 10%</td></tr> <tr><td>Yerba/FC20: Std 2 hr unless otherwise specified</td><td>Other** (specify):</td><td>Hard/Care: Std 3 week*</td></tr> <tr><td></td><td></td><td>Other - call for price</td></tr> </table>		INC. NAME: COMM	NJ EPA Standard 5 day TAT	NJ EPA Standard 3 day TAT	NJ EPA DRD (5 day TAT)	24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 5 day - 25%... 6-9 day 10%	24 hr - Standard 48 hr - 100%... 72 hr - 75%... 96 hr - 50%... 112 hr - 35%... 5 day - 25%... 6-9 day 10%	NJ EPA CDR (4 day TAT)	24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 112 hr - 25%... 120 hr - 10%	24 hr - Standard 48 hr - 100%... 72 hr - 75%... 96 hr - 50%... 112 hr - 35%... 120 hr - 25%... 128 hr - 10%	DEQ-SD15 (4.5 day TAT)	24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 112 hr - 25%... 120 hr - 10%	24 hr - Standard 48 hr - 100%... 72 hr - 75%... 96 hr - 50%... 112 hr - 35%... 120 hr - 25%... 128 hr - 10%	Yerba/FC20: Std 2 hr unless otherwise specified	Other** (specify):	Hard/Care: Std 3 week*			Other - call for price																																													
INC. NAME: COMM	NJ EPA Standard 5 day TAT	NJ EPA Standard 3 day TAT																																																														
NJ EPA DRD (5 day TAT)	24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 5 day - 25%... 6-9 day 10%	24 hr - Standard 48 hr - 100%... 72 hr - 75%... 96 hr - 50%... 112 hr - 35%... 5 day - 25%... 6-9 day 10%																																																														
NJ EPA CDR (4 day TAT)	24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 112 hr - 25%... 120 hr - 10%	24 hr - Standard 48 hr - 100%... 72 hr - 75%... 96 hr - 50%... 112 hr - 35%... 120 hr - 25%... 128 hr - 10%																																																														
DEQ-SD15 (4.5 day TAT)	24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 112 hr - 25%... 120 hr - 10%	24 hr - Standard 48 hr - 100%... 72 hr - 75%... 96 hr - 50%... 112 hr - 35%... 120 hr - 25%... 128 hr - 10%																																																														
Yerba/FC20: Std 2 hr unless otherwise specified	Other** (specify):	Hard/Care: Std 3 week*																																																														
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Sample ID	Depth (ft only)	Date	Time	Method	#	TAL #																																																										
U-27/10-20	9/17/12	11:17	S	1	17	X																																																										
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Known Hazard: Yes or No	Description:	Conc. Expected:	Low	Med	High																																																											

MDL Reg: GWQS (drugs) - SRS - SRSIGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier / truck info:	IAC Counter	Phone/Office	Date	Time	Date	Time
Signature/Comments:						
Received by:						
Received by:						
Received by:						

ALL COPIES - WHITE & YELLOW; CLIENT COPY - PINK

E12-07988

PAGE: 3 of 6

6988

0191

REPORT TO:		
Company: IAC Environmental Consultants, Inc.	Address: 2108 Ridge Ave., Rd. 3	REPORT TO: James Clabby
Phone Number: (732) 295-2144	Fax #: (732) 295-2150	Address: Sans
Bottle Order #: P-21		
SAMPLE INFORMATION		
Quote #: SMC41285		
Known Hazard: Yes or No		
Description:		

Client ID	Depth (ft only)	Sample Matrix						
		Date	Time	Metric	Comments	Test #	TCL PCG (00000)	Sample ID
P-21 (20-3,25)	8/17/12	12:22	S	1	X	23		
P-21 (3-25-35)		12:23	S	1		21		
P-21 (4-25 -6.0)		12:24	S	1		27		
P-19 (0-2.0)		1:18	S	1		28		
P-19 (2.0-4.0)		1:19	S	1		25		
P-19 (4.0-4.5)		1:20	S	1		32		
P-19 (4.5- 6.0)		1:21	S	1		31		
O-20 (0-2.0)		1:40	S	1		33		

AB CUPS - WHITE & YELLOW/ CLIMATE COPT - FINE

Turnaround Time starts the following day if samples rec'd at lab > 5PM

Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE	
C. RUSH CHARGE	
NJ EPA DAO (5 day TAT)	NJ EPA Standard (10 day TAT)
NJ EPA - CM (5 day TAT)	
DOD-2015 (3-6 day TAT)	
YerbaBuena: \$22.75 unless otherwise specified	Quarantine (5 day TAT)
24 hr**	48 hr**
Other** (specify):	72 hr**
	96 hr**
	1 week**
	Other - call for price

ANALYTICAL PARAMETERS

QUALITY ASSURANCE	
Sample ID:	
Date:	
Time:	
Method:	
Comments:	

MDL Ref: GWUS (1UNS - SRS - SRSIGW - SDS Residential - OTHER (See Comments))

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):	Lab Carrier	Client Carrier	Shipping
Shipped by:	James Clabby	8/17/12	K25
Received by:		8/17/12	1705
Rechecked by:			
Resubmitted by:			
Accepted by:			
Rejected by:			

Report Form:	EDD's
Benefits Only	SEPA Services
Induced	Non Approved carrier EDD
Regulatory - 15% Surcharge applies	
Other (specify):	NO EDDED RECD
	Colder Temp. -46 °C

PAGE 4 of 6

07988



Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07068

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

Customer Info		Billing Info		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)					
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby	Address: 2109 Bridge Ave., Bldg. B	Address: same	*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE					
Point Pleasant, NJ 07742									
Telephone #: (732) 295-2144	Attn:								
Fax #: (732) 295-2150	FAX #: (732) 295-2150								
Project Manager: James Clabby	INVOICE TO: Aceto Corp.								
EMAIL Address: jclabby@jmcevironmental.com	Address: 4 Tri Harbor Court								
Sampler: Alvin Hallgren, Steve Koch	Port Washington, NY 11050								
Project Name: Anasco	(with copy to: JMC Environmental (attn: J. Clabby))								
Project Location (State): NJ	Attn: Ed Kelly								
Bottle Order #:	PO # 22126								
Quote #: SR041205									
SAMPLE INFORMATION		Sample Matrix			ANALYTICAL PARAMETERS				
		DW - Drinking Water	AQ - Aqueous	WW - Waste Water	PCB	PCP	PCN	PCP	PCN
		GW - Oil	Liqu - Liquid (Specify)	OT - Other (Specify)					
		S - Soil	S - Sludge	S - Solid					
		S - Wipe							
Client ID	Depth (ft only)	Date	Time	Metric	# container	IAL #			
O-20 (2.0-3.5)		8/7/12	1:41	S	1	33	x		
O-20 (4.0-6.0)		8/7/12	1:42	S	1	34	x		
I-33 (0-2.0)		8/7/12	2:10	S	1	35	x		
T-33 (2.0-4.0)		8/7/12	2:11	S	1	36	x		
T-33 (4.0-4.75)		8/7/12	2:12	S	1	37	x		
T-33 (4.75-6.0)		8/7/12	2:13	S	1	38	x		
H-36 (5.5-6.0)		8/7/12	2:33	S	1	39	x		
H-36 (6.0-10.5)		8/7/12	2:34	S	1	40	x		
Known Hazard: Yes or No	Describe:	Cone. Expected:	Low	Mod	High				
MDL Req: GW08 (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)									

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): IAL Carrier Client Carrier FedEx/LPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Received by: <i>Chris Clabby</i>	8/7/12	15:25	Received by: <i>W.H. Koch</i>	8/7/12	15:25
Received by: <i>W.H. Koch</i>	8/7/12	17:05	Received by: <i>W.H. Koch</i>	8/7/12	17:05
Received by:			Received by:		
Received by:			Received by:		
Received by:			Received by:		

Comments:

Lab Case #

PAGE: 5 of 6

All COPIES - WHITE & YELLOW; CLIENT COPY - PINK

07988



Integrated Analytical Labs
273 Franklin Rd
Brentwood, NJ 07003

Contact Us: 973-361-6222
Fax: 973-949-5288
Web: www.ialonline.com

Turnaround Times (in days)

Turnaround Time starts the following day if samples rec'd at lab > 5PM!

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

Company: IAC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2169 Bridge Ave., Ridge, NJ	Alternate: same
Phone: Plainfield, NJ (973) 295-2144	Date:
Fax #: (732) 295-2150	TAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Astro Corp.
EMAIL Address: jclabby@jamesenviroconsult.com	Address: 4 Th Harbor Court
Sampler: Alan Halligan, Steve Koch	Pot Washington, NY 10590
Project Name: Angino	(with copy to: IAC Environmental (Attn: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #: 104-22126	
Quote #: 590-01285	SAMPLE METHODS
DW - Drinking Water ALQ - Average WTW - Waste Water	
CL - CR 14Q - Liquid (solid) OT - Other (Specify)	
SI - Soil SL - Sludge SOU - Sediment W - Wipes	

Client ID	Depth (if any)	Date	Time	Metric	Comments	Lab #
H-310 (70-7.5)	8/17/12	2:35	S	1	Y	X
F13-27	8/17/12	3:00	as	2	JY	X

SAMPLE INFORMATION

Client ID	Depth (if any)	Date	Time	Metric	Comments	Lab #
H-310 (70-7.5)	8/17/12	2:35	S	1	Y	X
F13-27	8/17/12	3:00	as	2	JY	X

Known Health Yes or No

Describe:

Count: Expected: Low Mid High

MDL Rep: GHWs (Huei) - SWS - Seawg W - SWS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Sampler cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

*** Sample 11-36 (fno-7.5)**
Comments:
Extract And Hold. ✓

Lab Crust
DPS88

Carrier / Bulk item:	Lab Carrier:	Date:	Time:	Received by:
Sample/Commodity	Client Contact:	Received by:	Date:	Time:
11-36	James Clabby	8/17/12	15:25	8/17/12

EL12-07988

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

PROJECT INFORMATION



E 1 2 - 0 7 9 8 8

Case No. E12-07988

Project ARSYNCO

Customer	JMC Environmental Consultants	P.O. #	
Contact	Jim Clabby	Received	8/7/2012 17:05
EMail	jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co	Verbal Due	8/22/2012
Phone	(732) 285-7144	Report Due	9/4/2012
Report To		Bill To	
2109 Bridge Avenue		Aceto Corp.	
Building B		4 Tri Harbor Court	
Point Pleasant, NJ 08742		Port Washington, NY 11050	
Attn: Jim Clabby		Attn: Mr. Ed Kelly	
Report Format Reduced			
<input type="checkbox"/> State Form <input type="checkbox"/> Field Sampling <input type="checkbox"/> Conditional VOA			

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
07988-001	W-13 (0-2.0)	0 / 2	8/7/2012@09:40	Soil	mg/Kg	1
07988-002	W-13 (2.0-4.0)	2 / 4	8/7/2012@09:41	Soil	mg/Kg	1
07988-003	W-13 (4.0-4.25)	4 / 4.25	8/7/2012@09:42	Soil	mg/Kg	1
07988-004	W-13 (4.25-6.0)	4.25 / 6	8/7/2012@09:43	Soil	mg/Kg	1
07988-005	W-12 (0-2.0)	0 / 2	8/7/2012@09:54	Soil	mg/Kg	1
07988-006	W-12 (2.0-3.25)	2 / 3.25	8/7/2012@09:55	Soil	mg/Kg	1
07988-007	W-12 (3.25-4.0)	3.25 / 4	8/7/2012@09:56	Soil	mg/Kg	1
07988-008	W-12 (4.0-6.0)	4 / 6	8/7/2012@09:57	Soil	mg/Kg	1
07988-009	S-30 (0-2.0)	0 / 2	8/7/2012@10:25	Soil	mg/Kg	1
07988-010	S-30 (2.0-3.0)	2 / 3	8/7/2012@10:26	Soil	mg/Kg	1
07988-011	S-30 (3.0-4.0)	3 / 4	8/7/2012@10:27	Soil	mg/Kg	1
07988-012	S-30 (4.0-6.0)	4 / 6	8/7/2012@10:28	Soil	mg/Kg	1
07988-013	T-31 (0-2.0)	0 / 2	8/7/2012@10:45	Soil	mg/Kg	1
07988-014	T-31 (2.0-3.0)	2 / 3	8/7/2012@10:46	Soil	mg/Kg	1
07988-015	T-31 (3.0-4.0)	3 / 4	8/7/2012@10:47	Soil	mg/Kg	1
07988-016	T-31 (4.5-6.0)	4.5 / 6	8/7/2012@10:48	Soil	mg/Kg	1
07988-017	U-26 (0-2.0)	0 / 2	8/7/2012@11:17	Soil	mg/Kg	1
07988-018	U-26 (2.0-3.5)	2 / 3.5	8/7/2012@11:18	Soil	mg/Kg	1
07988-019	U-26 (3.5-4.0)	3.5 / 4	8/7/2012@11:19	Soil	mg/Kg	1
07988-020	U-26 (4.0-6.0)	4 / 6	8/7/2012@11:20	Soil	mg/Kg	1
07988-021	Q-22 (0-2.0)	0 / 2	8/7/2012@11:52	Soil	mg/Kg	1
07988-022	Q-22 (2.0-4.0)	2 / 4	8/7/2012@11:53	Soil	mg/Kg	1
07988-023	Q-22 (4.0-6.0)	4 / 6	8/7/2012@11:54	Soil	mg/Kg	1
07988-024	P-21 (0-2.0)	0 / 2	8/7/2012@12:21	Soil	mg/Kg	1
07988-025	P-21 (2.0-3.25)	2 / 3.25	8/7/2012@12:22	Soil	mg/Kg	1
07988-026	P-21 (3.25-3.5)	3.25 / 3.5	8/7/2012@12:23	Soil	mg/Kg	1
07988-027	P-21 (4.25-6.0)	4.25 / 6	8/7/2012@12:24	Soil	mg/Kg	1
07988-028	P-19 (0-2.0)	0 / 2	8/7/2012@13:18	Soil	mg/Kg	1

PROJECT INFORMATION



E 1 2 - 0 7 9 8 8

Case No. **E12-07988**

Project **ARSYNCO**

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Depth Top / Bottom</u>	<u>Sampling Time</u>	<u>Matrix</u>	<u>Unit</u>	<u># of Containers</u>
07988-029	P-19 (2.0-4.0)	2 / 4	8/7/2012@13:19	Soil	mg/Kg	1
07988-030	P-19 (4.0-4.5)	4 / 4.5	8/7/2012@13:20	Soil	mg/Kg	1
07988-031	P-19 (4.5-6.0)	4.5 / 6	8/7/2012@13:21	Soil	mg/Kg	1
07988-032	O-20 (0-2.0)	0 / 2	8/7/2012@13:40	Soil	mg/Kg	1
07988-033	O-20 (2.0-3.5)	2 / 3.5	8/7/2012@13:41	Soil	mg/Kg	1
07988-034	O-20 (4.0-6.0)	4 / 6	8/7/2012@13:42	Soil	mg/Kg	1
07988-035	I-33 (0-2.0)	0 / 2	8/7/2012@14:10	Soil	mg/Kg	1
07988-036	I-33 (2.0-4.0)	2 / 4	8/7/2012@14:11	Soil	mg/Kg	1
07988-037	I-33 (4.0-4.75)	4 / 4.75	8/7/2012@14:12	Soil	mg/Kg	1
07988-038	I-33 (4.75-6.0)	4.75 / 6	8/7/2012@14:13	Soil	mg/Kg	1
07988-039	H-36 (5.5-6.0)	5.5 / 6	8/7/2012@14:33	Soil	mg/Kg	1
07988-040	H-36 (6.0-6.5)	6 / 6.5	8/7/2012@14:34	Soil	mg/Kg	1
07988-041	H-36 (7.0-7.5)	7 / 7.5	8/7/2012@14:35	Soil	mg/Kg	1
07988-042	FB-27	n/a	8/7/2012@15:00	Aqueous	mg/L	2

<u>Sample #</u>	<u>Tests</u>	<u>Status</u>	<u>QA Method</u>
001	TCL PCB	Complete	8082
002	TCL PCB	Complete	8082
003	TCL PCB	Complete	8082
004	TCL PCB	Complete	8082
005	TCL PCB	Complete	8082
006	TCL PCB	Complete	8082
007	TCL PCB	Complete	8082
008	TCL PCB	Complete	8082
009	TCL PCB	Complete	8082
010	TCL PCB	Complete	8082
011	TCL PCB	Complete	8082
012	TCL PCB	Complete	8082
013	TCL PCB	Complete	8082
014	TCL PCB	Complete	8082
015	TCL PCB	Complete	8082
016	TCL PCB	Complete	8082
017	GC Project Revision	Complete	
018	TCL PCB	Complete	8082
019	GC Project Revision	Complete	
020	TCL PCB	Complete	8082
021	GC Project Revision	Complete	
022	TCL PCB	Complete	8082
023	TCL PCB	Complete	8082
024	TCL PCB	Complete	8082
025	TCL PCB	Complete	8082
026	TCL PCB	Complete	8082

PROJECT INFORMATION

Case No. **E12-07988**Project **ARSYNCO**

<u>Sample #</u>	<u>Tests</u>	<u>Status</u>	<u>QA Method</u>
027	TCL PCB	Complete	8082
028	TCL PCB	Complete	8082
029	TCL PCB	Complete	8082
030	TCL PCB	Complete	8082
031	TCL PCB	Complete	8082
032	TCL PCB	Complete	8082
033	TCL PCB	Complete	8082
034	TCL PCB	Complete	8082
035	TCL PCB	Complete	8082
036	TCL PCB	Complete	8082
037	TCL PCB	Complete	8082
038	TCL PCB	Complete	8082
039	TCL PCB	Complete	8082
040	TCL PCB	Complete	8082
041	Extract Hold(PCB)	Complete	8082
041	TCL PCB	Cancel	8082
042	TCL PCB	Complete	8082

08/09/2012 10:59 by Brian - NOTE 3

AS PER STEVE KOSCH, CHANGE SAMPLE ID'S FOR SAMPLES 17, 18, 19, 20 TO U-26 (0-2.0), U-26 (2.0-3.5), U-26 (3.5-4.0), U-26 (4.0-6.0) RESPECTIVELY.

08/10/2012 08:40 by Mark - NOTE 4

SAMPLE #041 IS TO BE EXTRACTED & HELD.

08/28/2012 12:24 by Brian - REV 1

As per Jim Clabby, cancel TCL PCB for sample # 41

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: E 12

07988

CLIENT: TMC

COOLER TEMPERATURE: 2° - 6°C:

(See Chain of Custody)

Comments

COC: **COMPLETE** / INCOMPLETE

KEY

- | | |
|---|----------|
| ✓ | = YES/NA |
| ✗ | = NO |

- ✓ Bottles Intact
- ✓ no-Missing Bottles
- ✓ no-Extra Bottles

- ✓ Sufficient Sample Volume
- ✓ no-headspace/bubbles in VOs
- ✓ Labels intact/correct
- ✓ pH Check (exclude VOs)¹
- ✓ Correct bottles/preservative
- ✓ Sufficient Holding/Prep Time'

Sample to be Subcontracted
 Chain of Custody is Clear

¹All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL DATE 8/7/12

CORRECTIVE ACTION REQUIRED: YES (SEE BELOW) NO

If COC is NOT clear, **STOP** until you get client to authorize/clarify work.

CLIENT NOTIFIED:

YES Date/ Time: _____ NO

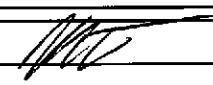
PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL 

DATE

E12-07988

0198

REV 03/2009

Laboratory Custody Chronicle

IAL Case No.

E12-07988

Client JMC Environmental Consultants

Project ARSYNCO

Received On 8/7/2012 @ 17:05

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	07988-001	Soil	8/9/12	Archimede	8/27/12	Julia
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"	-042	Aqueous	8/13/12	Archimede	8/15/12	Julia